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Species Accounts

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Mammals

Ziegler, A. C.

1959

Catalogue

nos. 1333 - 1748

A.C. ZIEGLER
1959

CATALOG

1.0 MI. N, 2.0 MI. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

JAN. 11,

COLL. BY GEO. F. FISLER

Acc'n 9608

1333	♂ (TES 2+1 1/2 EPIOT?)	<u>Sorex ornatus CALIFORNICUS</u>	99-40-11 1/2-7 ^(W)	4.2
1334	♀ (NO EMB)	" "	98-43-12-7 ^(W)	4.8
1335	♀ (OUT 4+1 FRESH 3 SHELL)	<u>MICROTUS CALIFORNICUS</u>	165-45-22-14 ^(W)	45.9
1336	♂ (TES 3+5 EPIOT-)	" "	171-54-22-14 ^(W)	45.7
1337	♂ (TES 4+6 EPIOT+)	" "	163-49-22-14 ^(W)	39.3

JAN. 12

COLL BY GEO. F. FISLER

1338	♂ (TES 4+7 EPIOT+)	<u>MICROTUS CALIFORNICUS</u>	174-50-22-14 ^(W)	46.8
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BROOKS ISLAND, CONTRA COSTA CO., CALIFORNIA

FEB. 7

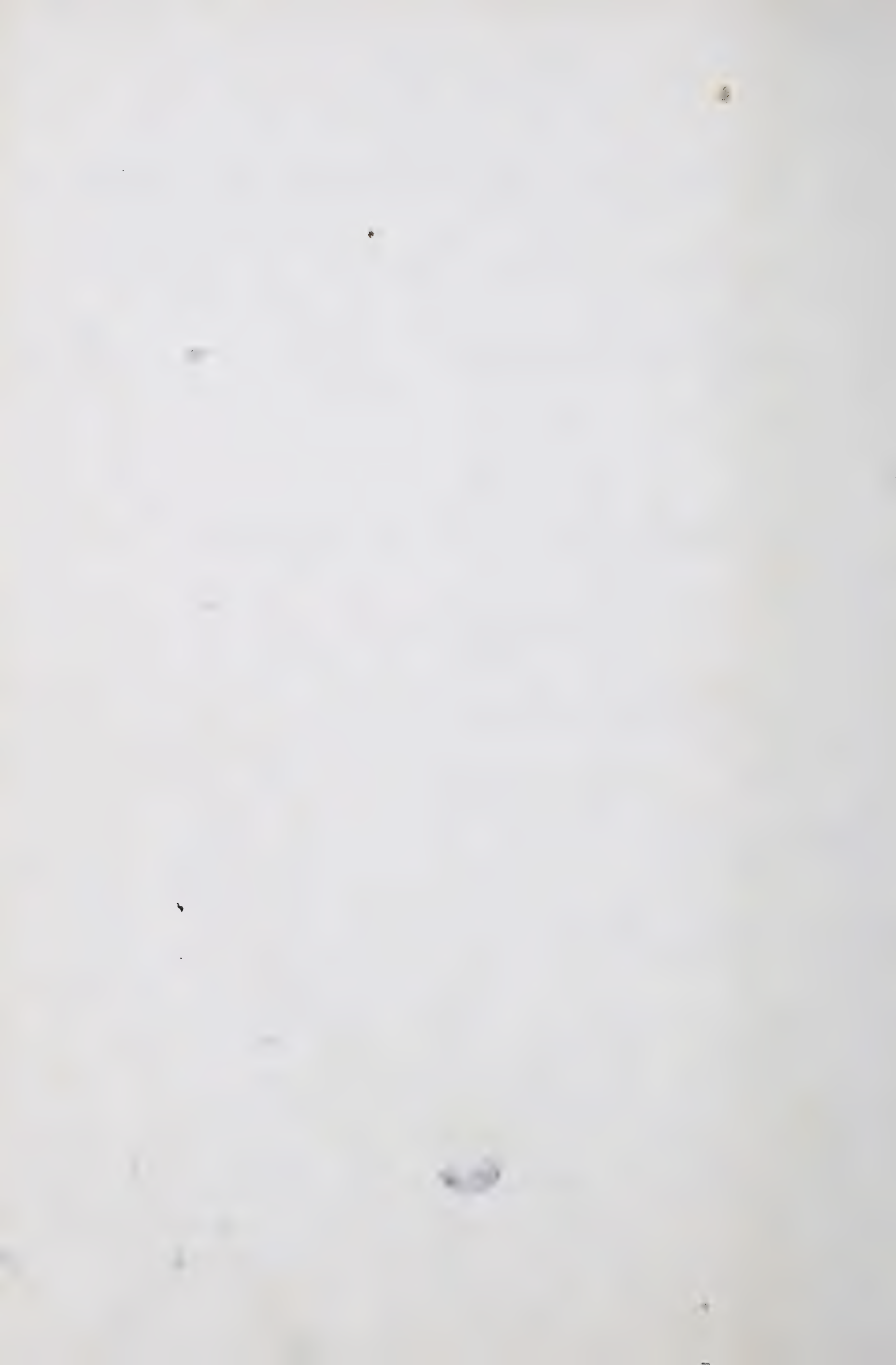
1339	♀ (NO EMB)	<u>MUS MUSCULUS</u>	149-73-18-12.5 ^(W)	11.8
1340	♀ (NO EMB)	" "	148-73-19-13 ^(W)	12.2
1341	♀ " "	" "	149-74-19-13 ^(W)	13.7
1342	♂ (TES 2+4 EPIOT-)	" "	161-80-18-13 ^(W)	14.6
1343	♂ " "	" "	164-82-19-13 ^(W)	14.8
1344	♂ (TES 2+4 EPIOT-)	" "	164-86-19-13 ^(W)	15.2
1345	♀ (NO EMB'S)	" "	153-76-18-13 ^(W)	16.2
1346	♀ " "	" "	160-80-19-13 ^(W)	16.4
1347	♀ (")	" "	165-79-19-13 ^(W)	17.2
1348	♂ (TES 4+6 EPIOT-)	" "	169-84-19-13 ^(W)	22.6

STRAWBERRY CANYON, BERKELEY, ALAMEDA CO., CALIFORNIA

FEB 8

COLL. BY J. MARY TAYLOR

1349	♂ (TES 3+6 mm EPIOT+)	<u>Sorex MOWBRIDGII</u>	119-52-14-9 ^(W)	6.5
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A.C. ZIEGLER
1959

CATALOG

SIDE HENNESSY RESERVOIR, NAPA CO., CALIFORNIA

COLLD D.O.R. JAN 1, 1959 COLL. BY W^m Z. LINDNER, JR.

1350 ♀ (NO EMB) LEpus CALIFORNICUS 570-90-128-130^(N) 2200^{mm}

SPRINGS CANYON, 850⁺ FT, BERKELEY, ALABAMA CO., CALIFORNIA

COLL. NOV. 30, 1958, DIED FEB. 10, 1959

1351 ♂ (TES 374, EO. 0.4-) Sorex ORNATUS 92-38-13-7^(N) 3.8^{mm}

1.0 MI. N, 2.0 MI. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

FEB. 14

COLL. BY GEO. F. FISHER.

1352 ♂ (TES 142, EO. 0.1) Sorex ORNATUS TAIL TIP MISSING 81-23-11-7^(N) 4.1

FEB. 15

1353 ♂ (TES 517, EO. 0.1) MICROTUS CALIFORNICUS 163-51-21-12^(N) 39.0

OFF HALF MOON BAY, SAN MATEO CO., CALIFORNIA

FEB. 23

COLL. DEL MONTE FISHING CO.

SKIN WITH BRISTLES ONLY 1354 ♀ (TES 140⁺, EO. 0.1) ESCHRICHTIUS GRAUCUS 42 FEET TOTAL, 18⁺ TOV.

OFF POINT PETER, MARIN CO., CALIFORNIA

FEB. 26 COLL. DEL MONTE FISHING CO.

PELVIC BONE GASTRO + SKIN ONLY 1355 ♂ (TES 70x180, EO. 0.1) ESCHRICHTIUS GRAUCUS 39 FEET TOTAL WT.?

2.5 MI. S, 1.0 MI. W CHOUCHILLA, 215⁺ FT. SEC. 12, T105, RISE, MADRA CO., CALIF.

COLL. DEC. 26, 1958, KILLED MAR 6, 1959 COLL. R. L. INGRAM

1356 ♂ (TES 94x13, EO. 0.4) THOMOMYS BOTTAI 205-65-25-5^(N) 85.2

9 MI. (BY ROAD) S PAICINES, 1000⁺ FT. SAN BENITO CO., CALIFORNIA
MADE BY COLL. W. B. QUAY

1357 ♀ (NO EMB) Sorex ORNATUS 99-37-12-7^(N) 3.4

A.C. ZIEGLER
1959

CATALOG

SAN PABLO CREEK (SOUTHWEST), RICHMOND, CONTRA COSTA CO., CALIF.

MAR. 15

COLL. GEO. F. FISLER & MVB.

1358	♂	(TES 24.5 CD, D, +)	<u>REITHRODONTOMYS RAVIVENTRIS</u>	133 - 68 - 17 - 13 ^(N)	9.2
1359	♂	(TES 24.5 CD, D, ?)	"	132 - 67 - 17 - 13 ^(N)	10.0
1360	♀	(NO EMB)	"	139 - 69 - 17 - 14 ^(N)	10.6
1361	♀	(")	"	135 - 66 - 17 - 14 ^(N)	11.0
1362	♂	(TES 34.5 CD, D, +)	"	148 - 74 - 17 - 14 ^(N)	11.5
1363	♂	(")	"	149 - 74 - 17 - 13 ^{1/2} (X)	12.6
1364	♂	(TES 34.6 CD, D, +)	"	154 - 79 - 18 - 14 ^(N)	12.9
1365	♂	(TES 34.5 CD, D, +)	"	148 - 74 - 18 - 14 ^(N)	13.9

EAST ENTRANCE P. VAUGHAN NORTH MOUNTAIN, SAN BENITO CO., CALIF.

MAR. 22

1366	♀	(1 RT, 1 LT 20 mm EMB)	<u>DIPLO. ELEPHANTINUS?</u>	320 - 200 - 49 - 19 ^(N)	103.5
1367	♀	(4 RT, 3 LT, 14 mm, EMB)	<u>PEROMYSCUS MONICULATUS</u>	160 - 67 - 20 - 18 ^(N)	22.0
1368	♂	(TES 6 x 11 CD, D, +)	"	140 - 57 - 18 - 15 ^(N)	15.7

12 MI. (BY ROAD) SSE PAICINES, SAN BENITO CO., CALIFORNIA

MAR. 22

1369	♂	(TES 24.1 CD, D, +)	<u>DIPLO. HOGGEMANII</u>	^{TAIL MISSING} [250 - 130] - 44 - 15 ^(N)	76.3
1370	♂	(TES 24.10 CD, D, +)	<u>PEROMYSCUS TRUEI?</u>	192 - 96 - 23 - 24 ^(N)	23.7
1371	♀	(TES 4 x 8 CD, D, +)	"	^{TAIL MISSING} [181 - 88] - 23 - 24 ^(N)	22.2
1372	♂	(TES 34.8 CD, D, +)	"	196 - 100 - 24 - 25 ^(N)	23.6
1373	♀	(2 RT, 3 LT, SCARS)	"	190 - 95 - 25 - 24 ^(N)	26.5
1374	♀	(4 RT, 5 LT, SCARS)	"	194 - 97 - 24 - 25 ^(N)	27.8
1375	♀	(1 RT, 1 LT, FRESH SCARS LATERAL WOUND)	<u>NEOTOMA LEPIDA</u>	325 - 155 - 32 - 30 ^(N)	147.5
1376	♂	(TES 4 x 8 CD, D, +)	<u>PEROMYSCUS CALIFORNICUS</u>	196 - 108 - 25 - 12 ^(N)	18.8
1377	♀	(3 RT, 2 LT, SCARS)	"	210 - 111 - 26 - 12 ^{1/2} (N)	21.9

A. C. ZIEGLER
1959

Catalog

12 MI. (BY ROAD) SSE PAINES, ^(1100' FF.) SAN BENITO Co., CALIF.

MAR 22 (CONT'D)

1378 ♂ ^(TES 5X10 6010+) PEROMYSCUS CALIFERNICUS 218 - 117 - 26 - 12^(W) 25.8

STRAWBERRY CANYON, 850' FT., BERKELEY, ALAMEDA Co., CALIF.

MAR. 27

COLL. S. B. BENSON.

1379 ♀ ^(NO 1100 6010+) NEOTOMA FUSCIPES 432 - 222 - 42 - 31^(W) 296.5

MAR. 28

COLL. S. B. BENSON

1380 ♀ ^(2RT, 2LT, 5mm 6010+) Sorex YAKOWBRIDGEI 118 - 46 - 14 - 8^(W) 7.9

1381 ♀ ^(2RT, 1LT, 5mm 6010+) NEOTOMA FUSCIPES 440 - 210 - 42 - 31^(W) 385.5

MAR. 31

1382 ♂ ^(TES 5X10 6010+) THOMOMYS BOTTAI 250 - 72 - 31 - 7^(W) 212.7

APR. 1

1383 ♂ ^(TES 5X10 6010+) THOMOMYS BOTTAI 232 - 62 - 28 - 7^(W) 178.0

TO Dr. Sidorov,
RUSSIA

→ 1384 ♂ " " " 252 - 70 - 31 - 8^(W) 213.3

1385 ♂ " " " 250 - 75 - 30 - 7^(W) 236.7

3 MI. SE ST. HELENA, NAPA Co., CALIFORNIA

ROUTED APR. 7, 1959, COLL. MAR 15, 1959 BY PETER SHARRAN

1386 ♂ ^(TES 5X10 6010+) LEPUS CALIFERNICUS 560 - 85 - 130 - 132^(W) 2325.0

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA Co., CALIF.

APR. 6

COLL. GEO. F. FISLER

1387 ♀ ^(OAR, 1LT, 5mm 6010+) REITHRODONTOMYS RAVIDENTUS 145 - 70 - 17 - 15^(W) 11.2

1388 ♂ ^(TES 5X10 6010+) " " 152 - 78 - 18 - 15^(W) 11.5

1389 ♀ ^(NO 1100 6010+) " " 152 - 79 - 18 - 13^(W) 11.5

1390 ♂ ^(TES 5X10 6010+) " " 149 - 74 - 17 - 13^(W) 11.6

1391 ♂ ^(TES 5X10 6010+) " " 137 - 67 - 12 - 13^(W) 11.2

A.C. ZIEGLER
1959

Cottages

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

APR. 6 (CONT'D)

COLL. GEO. F. FISLER,

- 1392 ♂ ($\frac{TES}{3 \times 5}$
CA/D.O. + ?) RETHRODONTOMYS PAVIDENTIS 148-75-18-14^(N) 12.2
- 1393 ♂ ($\frac{TES}{3 \times 6}$
CA/D.O. -) " " 148-75-18-13^(N) 12.4
- 1394 ♂ ($\frac{TES}{2 \times 4}$
CA/D.O. -) " " 147-72-18-13^(N) 12.6
- 1395 ♂ (") " " ^{PART TAIL MISSING}
98-24-17-14^(N) 12.8
- 1396 ♀ ($\frac{TES}{4 \times 4}$
SCALES) " " 164-87-18-15^(N) 13.2

SEVEN-V

RANCHES HEADQUARTERS, 25 MI. NW PRESCOTT, YAVAPAI CO., ARIZONA

PREP'D APR. 16, 1959, COLL'D APR. 3, 1959 BY DONALD & GLISA ISAAC.

- 1397 ♂ ($\frac{TES}{5 \times 6}$
CA/D.O. -) PEROGNATHUS FLAVUS 113-54-17-5^{1/2(N)} 6.0

S SIDE VIRGIN RIVER, 8 MI. SSW MESQUITE, CLARK CO., NEVADA

PREP'D APR. 16, 1959 COLL'D MAR. 3, 1959 BY DONALD & GLISA ISAAC.

Accom

9657

- 1398 ♀ ($\frac{2A, 2LT}{SCALES}$) PEROGNATHUS LONGIMEMBRIS 146-75-18-7^(N) 7.4

3 MI. NW GAP, NAVAJO INDIAN RES., COCONINO CO., ARIZONA

PREP'D APR. 16, 1959 COLL'D APR. 1, 1959 BY DONALD & GLISA ISAAC.

+ SKELETON

- 1399 ♀ ($\frac{2A, 4LT}{SCALES AC. D. OF. AGES}$) NEOTOMA STEPHENSI 275-115-28-25^(N) 71.1

HAWAII, 200± FT., ALUMINUM CO., CALIFORNIA

DIED APR. 16, 1959, COLL'D APR. 13, 1959 BY ROBERT WARREN

- 1400 ♂ ($\frac{TES}{9 \times 13}$
CA/D.O. +) THOMOMYS BOTTAE 250-68-32-8^{1/2(N)} 22.5

1.0 MI. N, 2.0 MI. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

APR. 17

COLL. GEO. F. FISLER

- 1401 ♀ ($\frac{NO$
EMBRYO
WT. EXCL.) SOEEX ORNATUS CALIF. 75-35-12-8^(N) 5.1
- 1402 ♂ ($\frac{TES}{5 \times 8}$
CA/D.O. +) " " 70-0-12-8^(N) 6.2
- 1403 ♂ ($\frac{TES}{4 \times 6}$
CA/D.O. +) " " 105-37-12-8^(N) 6.5

AC. ZIEGLER
1959

CATALOG

STRAWBERRY CANYON, 500± FT, BERKELEY, ALAMEDA CO., CALIF.

- DIED APR. 20, 1959, COLL'D APR. 11, 1959 BY S.B. BENSON
4200 113 CUBES
- (MOTHER = 1407 ACB)
1404 ♀ JUV. (NO EMB) NEOTOMA FUSCIPES 157-61-24-11^W 24.9
(MOTHER = 1407 ACB)
1405 ♀ JUV. (") " " 148-56-24-11^W 24.7

BERKELEY (VIRGINIA + GARDEN STS.), ALAMEDA CO., CALIFORNIA

- APR. 20 coll. MR. DALE HALL
at FORENSY DEPT., U.C.
- 1406 ♂ (TES 124mm CAIO?) DICELAPHIS MARSUPIALIS 810-340-70-60^W 2630mm

STRAWBERRY CANYON, 500± FT, BERKELEY, ALAMEDA CO., CALIF.

- DIED APR 21, 1959, COLL'D APR. 11, 1959 BY S.B. BENSON
4200 113 CUBES
- (MOTHER OF 1404 & 1405 ACB)
1407 ♀ (2 RT. JUV.) (FRESH EMB) NEOTOMA FUSCIPES 425-220-42-28^W 214.0

CARRAN HOLLOW, T. 3S, R. 4E, SAN JOAQUIN CO., CALIFORNIA

- APR. 29 DAN WILKINSON ~~11/2/54~~
- 43 KILL. ♂ (TES 10x5mm CAIO?) TAXIDOMA TAXUS 600-110-105-54^W 9¹/₂ LBS

SAN PABLO CREEK (SOUT MARCH), RICHMOND, CONTRA COSTA CO., CALIF.

- MAY 8, coll. BY GEO. F. FRASER
- 1409 ♂ (TES 3x5 CAIO? S.V. 6mm) REITHRO. RAVIVENTRIS 135-69-17-13^W 9.9
1410 ♂ (TES 3x6 CAIO? S.V. 6mm) " " 130-57-18-14^W 7.9

MAY 9

- 1411 ♂ (TES 3x6 CAIO?) SOREX ORNATUS 94-35-10¹/₂-8^W 4.3
1412 ♂ (TES 14mm CAIO?) SOREX VAGRANS 105-44-13-8^W 4.3
1413 ♂ (TES 3x7 CAIO? S.V. 9mm) REITHRO. MEGALOTIS 135-68-15¹/₂-13^W 10.2
1414 ♂ (TES 3x5 CAIO? S.V. 6mm) REITHRO. RAVIVENTRIS 137-68-17¹/₂-14^W 10.7
1415 ♂ (TES 3x6 CAIO? S.V. 9mm) " " 139-71-18-14^W 11.8
1416 ♂ (") " " 134-80-17-15^W 11.8

A.C. ZIEGLER
1959

CATALOG

SAN PABLO CREEK (SALT MARSH) RICHMOND, CONTRA COSTA CO., CALIF.

MAY 9 (CONT'D)

1417 ♂	(TES 3x6 EP, O.T. S.V. 9mm)	<u>REITHRO. RAVIVENTRIS</u>	142 - 72 - 17½ - 13 ^(N)	12.0
1418 ♀	(2 LT. 5mm EMB'S RESOLVING??)	"	144 - 69 - 17 - 14 ^(N)	12.0
1419 ♂	(TES 3x5 EP, O.T. S.V. 8mm)	"	146 - 71 - 17 - 13½ ^(N)	12.1
1420 ♂	(TES 2½x5 EP, O.T. S.V. 7mm)	"	138 - 62 - 17½ - 13 ^(N)	12.4
1421 ♂	(TES 3x7 EP, O.T. S.V. 9mm)	"	150 - 75 - 17 - 14 ^(N)	12.9
1422 ♂	(TES 3x6 EP, O.T. S.V. 9mm)	"	153 - 73 - 17 - 14 ^(N)	13.2
1423 ♀	(1 RT, 2 LT. SCARS)	"	154 - 76 - 17 - 14½ ^(N)	15.0
1424 ♂	(TES 4x7 EP, O.T.)	<u>MICROTUS CALIFORNICUS</u>	155 - 46 - 19 - 14 ^(N)	31.6
1425 ♀	(2 RT, 3 LT. 7mm EMB'S)	"	160 - 45 - 20 - 14 ^(N)	39.3

LOMBARDI RANCH, 3525 FT., 1½ MI. WNW MT. SHASTA P.O., SISKIYOU CO., CALIF.
T. 40N, R. 4W, S. 17

COLL. JUNE 12, 1958, DIED JUNE 5, 1959 COLL. S.B. BENSON

ADD TO ACCT 9522	1426 ♂	(TES 4x7 EP, O.T.)	<u>THOMOMYS (MAZAMA)</u>	200 - 66 - 26 - 7 ^(N)	57.1
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FREEMAN CANYON, 4700 FT. ±, 1.8 MI. SE WALKER PASS, ^(FRANK) KERN CO., CALIF.

JUNE 27, 1958

1427 XANTUSIA VIGORIS

JUNE 28,

1428 ♂	(TES 4x7 EP, O.T.)	<u>ONYCHOMYS</u>	140 - 45 - 20 - 17 ^(N)	22.6
1429 ♂	(TES 4x7 EP, O.T.)	<u>PEROMYSCUS "REVER"</u>	200 - 102 - 23 - 27 ^(N)	24.5
1430 ♀	(NO EMB'S)	<u>PEROMYSCUS MOHAVENSIS</u>	290 - 123 - 44 - 14 ^(N)	62.5
1431 ♀	(")	"	290 - 170 - 45 - 13 ^(N)	60.4
TO DR. SOLOLOV, RUSSIA → 1432 ♀	(2 RT, 3 LT. ONDRAS)	<u>SCOTOMA LEPTODA</u>	292 - 118 - 31 - 28 ^(N)	141.0
1433 ♀	(NO EMB'S)	"	259 - 100 - 28 - 28 ^(N)	101.5
1434 ♀	(2 RT, 3 LT. ONDRAS)	<u>PEROMYSCUS LONGIMEMBRIS?</u>	140 - 71 - 19 - 7 ^(N)	9.0

A.C. ZIEGLER
1959

CATMONO

1/2 mi. W Inyokern P.O., 2425[±] FT., KERN Co., CALIFORNIA

JUNE 27

1435 ~~Canis~~ *Canis aureus* *draconoides*

JUNE 28

1436 ♀ (5 RT. GLT. PLASING) ~~EROS-NATHUS~~ LONGMEMBRIS

133 - 67 - 18 - 6^(W) 7.6

1437 ♂ (2 RT. GLT. PLASING) " "

139 - 75 - 19 - 6^(W) 7.5

1438 ♀ (NO EMB'S) D. A. MERRIAM

235 - 138 - 34 - 13^(W) 30.2

1439 ♀ (1 RT. GLT. 3 MM EMB) " "

248 - 150 - 37 - 14^(W) 31.3

1440 ♂ (1 RT. GLT. 3 MM EMB) " "

240 - 142 - 37 - 13^(W) 35.0

WHITNEY PORTAL CAMPGROUND, 8300[±] FT., INYO Co., CALIFORNIA

JUNE 29

1441 ♀ (NO EMB'S) SAEY PALUSTRIS

160 - 81 - 20 - 4^(W) 10.8

1/2 MI. NW KEENER, 3600[±] FT., INYO Co., CALIFORNIA

JUNE 29

1442 ♀ (NO EMB'S) D. A. MERRIAM

235 - 142 - 36 - 13^(W) 28.4
~~150 - 0~~

1443 ♂ (1 RT. GLT. 6 X 10 EMB) " "

242 - 140 - 39 - 14^(W) 36.3

1.2 MI. (BY ROAD) SSE KEENER, 3600[±] FT., INYO Co., CALIFORNIA

JUNE 29

1444 ♀ (1 RT. GLT. 6 X 10 EMB) D. A. DESERT

320 - 180 - 51 - 16^(W) 91.7
coll. Dr. N. B. QUINN

1445 ♀ (NO EMB) " "

320 - 190 - 52 - 16^(W) 70.6
coll. Dr. N. B. QUINN

1446 ♂ (1 RT. GLT. 6 X 10 EMB) " "

300 - 163 - 56 - 16^(W) 102.5

A.C. ZIEGLER
1959

CADIZO

4.2 MI. (BY ROAD) S STONEWALL PASS, 4200[±] FT., Nye Co., NEVADA

JUNE 30

1447	♂ (TES 3x6 EPID -)	<u>PEROGNATHUS LONGIMEMBRIS</u>	137 - 73 - 19 - 7 ^(N)	7.5
1448	♂ (")	" "	142 - 77 - 20 - 6 ^{1/2} ^(N)	8.4
1449	♂ (TES 3x6 EPID -)	<u>DIPLO. MERRIAM</u>	245 - 142 - 38 - 15 ^(N)	37.9
1450	♂ (TES 4x8 EPID - ?)	" "	252 - 151 - 39 - 14 ^(N)	38.8
1451	♂ (TES 2x8 EPID -)	" "	236 - 145 - 37 - 13 ^(N)	33.5

STONEWALL PASS, 4700[±] FT., Nye Co., NEVADA

JUNE 28

1452	♀ (NO EMB.)	<u>CITELLUS LEUCURUS</u>	200 - 54 - 35 - 13 ^(N)	86.0
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JUNE 30

1453	♀ (NO EMB.)	<u>PEROGNATHUS LONGIMEMBRIS</u>	142 - 80 - 19 - 6 ^{1/2} ^(N)	7.9
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1454	♂ (TES 1x3 EPID -)	" "	147 - 79 - 20 - 7 ^(N)	8.1
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TO DR. SOLOV,
RUSS. A →

1455	♂ (TES 2x6 EPID -)	<u>DIPLO. MICROPS</u>	269 - 150 - 44 - 13 ^(N)	63.2
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2 MI. S & LEEVING, 6700[±] FT., MOYO Co., CALIF.

JULY 1

COLL. DENNIS GALLOWAY

1456	<u>MICROTAR.</u>	(SAVED AS CAPTIVE - TO DR. QUINN)
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7 MI. S, 4 MI. E BOOIE, 6500[±] FT., MOYO Co., CALIF.

JULY 1

COLL. DENNIS GALLOWAY

1457	<u>MICROTAR.</u>	(SAVED AS CAPTIVE - TO DR. QUINN)
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1458	♀ (NO EMB.)	<u>DIPLO. MICROPS?</u>	240 - 137 - 39 - 13 ^(N)	36.8
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1459	♂ (TES 2x4 EPID -)	" "	230 - 130 - 40 - 13 ^(N)	39.7
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1460	♀ (NO EMB.)	<u>DIPLO. MICROPS?</u>	273 - 158 - 44 - 14 ^(N)	49.3
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1461	♂ (TES 2x4 EPID -)	<u>DIPLO. MICROPS?</u>	260 - 140 - 41 - 14 ^(N)	59.9
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A.C. ZIEGLER
1959

CATALOG

FLAT BESIDE LEEVING CREEK, 7400[±] FT., ABOUT 2 MI. S, 2 MI. W LEEVING, MONO CO. CALIF.

JULY 1

1462	♂	(^{TES} _{2x3} GAD.-)	<u>PEROGNATHUS</u> <u>PARVUS</u>	173-96-24-9 ^(N)	12.2
1463	♀	(^{IRT, 2 LT.} OLD SCARS)	"	173-94-23-10 ^(N)	16.7
1464	♂	(^{TES} _{5x8} GAD.+)	"	188-102-24-10 ^(N)	23.4

7 MI. S, 4 MI. E BOOIE, 6500[±] FT., MONO CO., CALIFORNIA

COLL'D JULY 1, DIED JULY 2, COLL: W.B. QUAM

1465	♂	(^{TES} _{2x4} GAD.-)	<u>MICRODIPODOPS</u>	157-87-27-10 ^(N)	12.0
1466	♂	(")	"	137-67-26-10 ^(N)	12.5

STONEWALL PASS [ON U.S. HIGHWAY 95], 4700[±] FT., NYE CO., NEVADA

COLL'D JUNE 30, KILLED JULY 2

1467	♂	(^{TES} _{1x3} GAD.-)	<u>PEROMYSCUS</u> <u>CRINITUS</u>	177-97-19-19 ^(N)	13.8
1468	♀	(^{NO} EMB)	"	180-98-20-19 ^(N)	15.2

1/2 MI. NW KEELER, 3600[±] FT., INYO CO., CALIFORNIA

COLL'D JUNE 29, DIED JULY 1

1469	♀	(^{NO} EMB'S)	<u>DIPLO. DESERTI</u>	COLL: W.B. QUAM TAKEN MISSING [280-144]-51-16 ^{1/2} ^(N)	84.4
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7 MI. S, 4 MI. E BOOIE, 6500[±] FT., MONO CO., CALIFORNIA

COLL'D JULY 1, DIED JULY 3

1470	♂	(^{TES} _{2x3} GAD.-)	<u>MICRODIPODOPS</u>	COLL: W.B. QUAM 163-89-26-10 ^(N)	10.1
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COLL'D JULY 1, DIED JULY 5

1471	♀	(^{NO} EMB'S)	<u>MICRODIPODOPS</u>	COLL: W.B. QUAM 153-78-25-11 ^(N)	11.3
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A. C. ZIEGLER
1959

CATALOG

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

JUNE 12 (PREP'D JULY 7, 1959) COLL: GEO. F. FISLER

1472 ♂	(TES 2x4 SO.O.-)	<u>REITHRODONTOMYS RAVIVENTRIS</u>	115-57-16-11 ^(N)	6.8
1473 ♂	(TES 3x7 SO.O.-)	"	134-64-17-13 ^(N)	9.4
1474 ♀	(NO EMB'S UT. ENLGD.)	"	137-71-17-13 ^(N)	7.8
1475 ♂	(TES 3x7 SO.O.-)	"	142-71-17-13 ^(N)	9.1
1476 ♂	(TES 3x6 SO.O.+? S.V. 8mm.)	"	144-72-17-14 ^(N)	9.8
1477 ♂	(TES 2x5 SO.O.- S.V. 4mm.)	"	136-71-16½-14 ^(N)	9.8
1478 ♂	(TES 3x5 SO.O.- S.V. 5mm.)	"	141-71-17½-14 ^(N)	10.1
1479 ♂	(TES 3x5 SO.O.+ S.V. 9mm.)	"	143-69-17-14 ^(N)	10.7
1480 ♂	(TES 3x6 SO.O.+ S.V. 7mm.)	"	145-70-17-13 ^(N)	10.8
1481 ♂	(TES 3x6 SO.O.- S.V. 6mm.)	"	148-72-17-13 ^(N)	11.0
1482 ♂	(TES 3x5 SO.O.?? S.V. 7mm.)	"	152-78-18-14 ^(N)	11.5
1483 ♀	(3 RT. 2 LT. 12mm EMB'S)	"	167-85-17-14 ^(N)	16.7
1484 ♂	(TES 4x8 SO.O.+)	<u>MICROTUS CALIFORNICUS</u>	172-51-21-14 ^(N)	38.6
1485 ♂	(TES 5x6 SO.O.+)	"	167-50-20-13 ^(N)	46.5
1486 ♀	(2 RT. 2 LT. SCABES)	"	179-51-20-14 ^(N)	53.1
1487 ♂	(TES 5x7 SO.O.+)	"	^{MASTOCEPHALUS} <u>135-7</u> -21-13± ^(N)	55.0

JUNE 13 (PREP'D JULY 8, 1959) COLL: GEO. F. FISLER

1488 ♂	(TES 3x5 SO.O.- S.V. 5mm.)	<u>REITHRODONTOMYS RAVIVENTRIS</u>	129-62-16-12 ^(N)	7.2
1489 ♂	(TES 2x3 SO.O.- S.V. 2mm.)	"	127-67-16-13 ^(N)	7.4
1490 ♂	(TES 3x4 SO.O.- S.V. 2mm.)	"	132-69-17½-13½ ^(N)	8.0
1491 ♂	(TES 3x6 SO.O.+ S.V. 5mm.)	"	139-72-16-13 ^(N)	8.9
1492 ♂	(TES 3x6 SO.O.+ S.V. 8mm.)	"	^{MASTOCEPHALUS} <u>81-10</u> -17-14 ^(N)	9.5
1493 ♂	(TES 3x6 SO.O.+ S.V. 7mm.)	"	145-73-16½-14 ^(N)	10.6
1494 ♂	(TES 3x6 SO.O.- S.V. 6mm.)	"	138-71-16-13 ^(N)	10.8
1495 ♂	(TES 3x6 SO.O.+ S.V. 8mm.)	"	152-74-16½-14 ^(N)	11.9
1496 ♀	(2 RT. 1 LT. 8mm EMB'S NO RT. REPROD. ORG'S)	"	^{SKULL BROKEN} <u>135</u> -69-17-13 ^(N)	12.5

A.C. ZIEGLER
1959

CATALOG

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

JUNE 13 (CONT'S) (PREP'D JULY 8, 1959) COLL: GEO. F. FISLER

1497	♀ (20, 1LT, 5mm emb's)	<u>REITHRODONTOMYS AAVIVENTRIS</u>	148-70-16½-13 ^(N)	13.1
1498	♀ (1RT, 0LT, 6mm emb's)	"	156-77-17-14 ^(N)	14.5
1499	♀ (3RT, 4LT, 5mm emb's)	<u>MICROTUS CALIFORNICUS</u>	154-48-20-13 ^(N)	35.6
1500	♀ (1RT, 1LT, 5mm emb's)	"	164-46-18-14 ^(N)	41.0
1501	♂ (TES 4x6, EO.O.-)	<u>MUS MUSCULUS</u>	152-75-18-12 ^(N)	12.7

1.0 mi. N, 2.0 mi. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

JUNE 15 (PREP'D JULY 8, 1959) COLL: GEO. F. FISLER

1502	♀ (NO EMB'S, UTER, ENVELO.)	<u>Sorex ornatus</u>	95-33-11-7 ^(N)	6.0
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S BANK MOUTH SAN RAFAEL CREEK (GRASS + SANICORNIA; W OF LEVEE), MARIN CO., CALIF.

JULY 8

COLL: GEO. F. FISLER

1503	♀ (NO EMB'S)	<u>MICROTUS CALIFORNICUS</u>	174-52-20-13 ^(N)	40.2
1504	♂ (TES 3x6, EO.O.-)	"	172-51-22-14 ^(N)	40.7

S BANK MOUTH SAN RAFAEL CREEK (SALT MARSH; E OF LEVEE), MARIN CO., CALIF.

JULY 8

COLL: GEO. F. FISLER

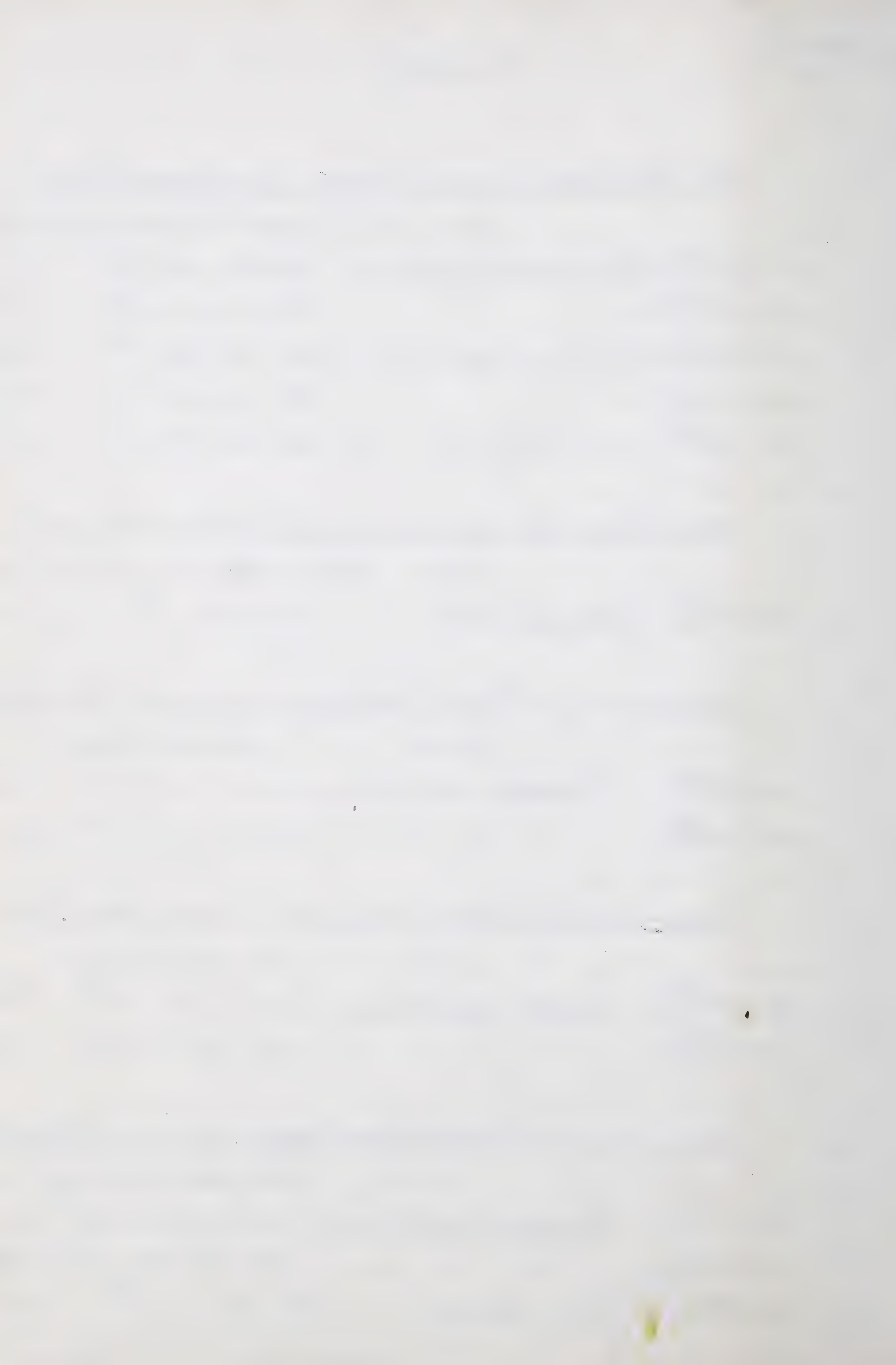
1505	♂ (TES 3x6, EO.O.+)	<u>MICROTUS CALIFORNICUS</u>	168-53-22-14½ ^(N)	35.8
1506	♂ (TES 4x7, EO.O.+)	"	185-58-23-15 ^(N)	51.2

1 mi. S, .1 mi. W MOUTH SAN RAFAEL CREEK (GRASS + SANICORNIA; W OF LEVEE), MARIN CO., CALIF.

JULY 8

COLL: GEO. F. FISLER

1507	♀ (NO EMB'S)	<u>MICROTUS CALIFORNICUS</u>	155-44-22-14½ ^(N)	35.4
1508	♂ (TES 2x3, EO.O.-)	"	165-56-22-13½ ^(N)	38.0
1509	♀ (NO EMB'S)	<u>MUS MUSCULUS</u>	148-73-17-12 ^(N)	12.2



A.C. ZIEGLER
1959

CATALOG

STONEWALL PASS, 4700± FT., NYE CO., NEVADA

COLL'D JUNE 30, 1959 DIED: JULY 9, 1959
coll. DENNIS GARNOWNEY (N)

1510 ♀ (NO EMB'S) DIPLO. MICROPS 236 - 130 - 41 - 12 29.3

HILTON CAMPGROUNDS, 3 MI. E GUERNEVILLE, SONOMA CO., CALIF.

JULY 11

1511 THAMNOPHIS T.L. - 600 mm, S.V. - 445 mm

CENTRAL CALIFORNIA COAST, CALIFORNIA

JULY 15,

BALAEON ONLY

1512 ♂

BALAEONOSTEIA PHYSALUS

COLL. GOLDEN GATE FISHING CO.
SPECIES DETERMINED BY E. ROSENBLUM
(FROM RT. AND TAIL ONLY)
T.L. = 60 FT. WT.?

JULY 16

AUDITORY BULLAE & MAXILLARY ONLY

1513 ♀ (16 FT. EMB.)

BALAEONOSTEIA PHYSALUS

COLL. GOLDEN GATE FISHING CO.
(RIGHT SIDE BULLA IS BROKEN)
T.L. = 60± FT. WT.?

AUDITORY BULLAE, PELVIC BONES & CHUNK OF SKIN ONLY

1514 ♀ (EMB. OF 1513)

" "

T.L. = 6 FT. WT.?

4.2 MI. (BY ROAD) N STONEWALL PASS, 4600± FT., NYE CO., NEVADA

COLL'D JUNE 30, 1959, DIED JULY 14, 1959
coll. DENNIS GARNOWNEY

1515 ♂ (NO EMB.)

DIPLO. MICROPS

275 - 165 - 43½ - 14 (W) 33.3

SAN PABLO CREEK (SANTAMARIA), RICHMOND, CONTRA COSTA CO., CALIF.

JULY 18

coll. GEO. F. FISHER

1516 ♀ (NO EMB.) REITHRO. MACRHOIDS

121 - 60 - 16 - 11 (W) 5.9

1517 ♀ (") " "

125 - 63 - 16 - 12 (W) 6.5

1518 ♂ (TESTES 3x7, CO. D. + S.V. 8 mm)

" "

137 - 68 - 16 - 12 (W) 9.8

comp. SKEL. ONLY (1 RT. 12 LT. SCARS)

1519 ♀ (")

REITHRO. RAVIVENTRIS

134 - 68 - 16 - 13 (W) 9.0

comp. SKEL. ONLY (TESTES 3x5, CO. D. + S.V. 6 mm)

1520 ♂ (")

" "

145 - 74 - 16½ - 13½ (W) 11.0

1521 ♀ (NO EMB'S, UT. SK. ENLARGED)

" "

~~141 - 65 - 16 - 13 (W)~~
187 - 10 - 16 - 14 (W) 11.0

1522 ♂ (TESTES 3x6, CO. D. + S.V. 7 mm)

" "

143 - 71 - 17 - 14 (W) 11.0

A.C. ZIEGLER
1959

CADANOG

SAN PABLO CREEK (SANTAMARIN), RICHMOND, CONTRA COSTA CO., CALIF.

JULY 18 (CONT'D) COLL. GEO. F. FISLER

1523	♂ (TES 3x6 EPID. + SV. 8mm)	<u>REITHRO. PARVIVENTRIS</u>	144 - 72 - 17 - 13 ^{1/2} (W)	11.5
1524	♂ (TES 3x5 EPID. + SV. 5mm)	"	147 - 76 - 17 ^{1/2} - 14 ^(W)	11.1

JULY 19

COLL. "

1525	♂ (TES 1x1 EPID. - SV. 1mm)	<u>REITHRO. MEGALOTIS</u>	127 - 66 - 17 - 12 ^(W)	6.7
1526	♀ (2 RT. O? LT. SCARS HEAVY MAMM. TISSUE)	"	144 - 72 - 16 - 13 ^(W)	11.1
1527	♂ (TES 2x2 EPID. - SV. 1mm)	<u>REITHRO. PARVIVENTRIS</u>	124 - 63 - 17 - 12 ^{1/2} (W)	5.3
1528	♀ (NO EMB'S)	"	(?) 142 - 73 - 17 - 14 ^(W)	8.9
1529	♀ (ORT. 5? LT. OLG SCARS)	"	158 - 81 - 17 ^{1/2} - 14 ^(W)	12.2
1530	♀ (NO EMB'S OR SCARS BUT HEAVY MAMM. TISSUE)	"	156 - 79 - 17 - 14 ^(W)	17.3

MANHATTAN MINES, 2000[±] FT., 1 1/2 MI. NW KNOWVILLE, NADA CO., CALIF.

JULY 20,

COLL. RICHARD E. GRANAM, MVB.

153077 (#153 R.E. GRANAM)

1531 ♂ (TES 2x3
EPID.) MYOTIS

75 - 33 - 6 - 12^(W) 3.9

1532 ♂ (TES 4x6
EPID. -) DOBYNOSHINUS

94 - 45 - 10 - 33^(W) 7.5

1533 ♂ (") "

103 - 53 - 10 - 35^(W) 7.7

BROOKS ISLAND, CONTRA COSTA CO., CALIFORNIA

JUNE 20, 1959

CRANIUM ONLY - ACKUA

1534 SEX?

FELIS DOMESTICA

NO MEAS'S OR WT.

STONEWALL PASS, 4700[±] FT., NYE CO., NEVADA

COLL'D: JUNE 30, 1959, KILLED AUG. 2, 1959

1535 ♀ (NO EMB'S) PEROMYSCUS CRINITUS

168 - 93 - 18^{1/2} - 18^{1/2}(W) 15.2

1536 ♂ (TES 4x7
EPID. -)

" "

165 - 88 - 19 - 18^{1/2}(W) 17.3

A.C. ZIEGLER
1959

CADIZ

S BANK MOUTH SAN RAFAEL CREEK (GRASS & SALICORNIA; WOOLVER), MARIN CO., CALIF.

COLLECTED JULY 7, 1959 (PREP'D AUG. 4, 1959) COLL. GEO. F. FISHER

1537	♂	(^{TES} ₂₇₃ CAO.-)	<u>MICROTUS CALIFARNICUS</u>	157-44-21-14 ^(N)	40.6
1538	♂	(^{TES} ₂₇₃ CAO.-)	"	164-50-21-15 ^(N)	42.7
1539	♀	(^{NO} EMB)	"	182-56-22-16 ^(N)	52.3

1 MI. S. 1 MI. W MOUTH SAN RAFAEL CREEK (GRASS & SALICORNIA; WOOLVER), MARIN CO., CALIF.

COLLECTED JULY 7, 1959 (PREP'D AUG. 4, 1959) COLL. GEO. F. FISHER

1540	♂	(^{TES} ₁₇₃ CAO.-)	<u>MICROTUS CALIFARNICUS</u>	166-49-22-13 ^(N)	37.7
1541	♂	(^{TES} ₁₇₃ CAO.-)	"	158-48-21-15 ^(N)	39.4
1542	♀	(^{2 RT. 4 LT} TEETH SCALES)	"	165-51-22-14 ^(N)	41.7

DEAN CREEK AREA, 4 MI. N GRASSVILLE, HUMBOLDT CO., CALIF.

AUG. 7

1543			<u>BUTO</u>		
1544			<u>TARICHA</u>		
1545			<u>MYOTIS YUMANENSIS</u>	75-31-8-13 ^(N)	5.3

POKER FLAT, 5000± FT., 12 MI. NW HAPPY CAMP, SISKIYOU CO., CALIF.

AUG. 8

1546	♂	(^{TES} ₂₇₃ CAO.-)	<u>THOMOMYS</u>	198-63-27-7 ^(N)	74.2
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AUG. 9

1547	♂	(^{TES} ₂₇₃ CAO.-)	<u>EUTAMIAS TOWNSENDI</u>	276-111-36-22 ^(N)	68.4
1548	♂	(^{TES} ₂₇₃ CAO.-)	"	245-110-36-22 ^(N)	(ORIGINAL) 192.1
1549	♀	(^{NO} EMB)	<u>THOMOMYS MONTICOLA</u>	189-62-26-6 ^{1/2} ^(N)	62.1
1550	♀	(^{NO} EMB)	<u>EUTEBICUS</u>	120-45-11-19 ^(N)	VERY FAT 27.0
1551	♀	(^{2 RT. 4 LT} TEETH SCALES)	<u>MICROTUS LONGICAUDUS</u>	188-68-21-14 ^(N)	41.4



A.C. ZIEGLER
1959

Catonsville

River Forest, 5000+ ft., 12 mi. NW Haver Camp, Siskiyou Co., Ore.

AUG 11

1552

TALICMA

1553

"

1554

"

1555

"

1556

"

1557

"

1558

"

TO DR. SOLOV, RUSS. A →

1559 ♂ (1788 2x11 2x10) EUTAMIAS JOHNSON

248 - 105 - 36 - 21^(W) 81.4

1560 ♂ (1788 2x11 2x10) EPITEBICUS

115 - 45 - 10 - 16^{1/2}^(W) 15.1

1561 ♂ (") "

120 - 46 - 10^{1/2} - 19^(W) 17.6

AUG. 12

1562 ♀ (NO ENG) THOMOMYS MONTICOLA

172 - 61 - 24 - 6^(W) 44.5

1563 ♂ (1788 2x11 2x10) "

208 - 62 - 27 - 8^(W) 95.7

1564 ^{1 NOT at 2x11 2x10} TRAPIDUS (NOT ASCAPHUS) (ALL FROM SAME STREAM AND DOCK)

TO: DR. J. GOTTSCHALK
U. C. INH., OHIO.

1565 ♂ ASCAPHUS TRUEI

1566

"

1567

"

1568

"

1569

"

1570

"

1571

"

1572

"

1573

"

1574

"

1575

"

1576

"

A.C. ZIEGLER
1959

CATALOG

POKER FLAT, 5000⁺ FT., 12 MI. NW HARDY CAMP, SISKIYOU CO., CALIFORNIA

AUG. 12 (CONT'D)

1577 YG. ASCAPHUS TRUGI
COMP. SKEL. ONLY
1578 ♂ "
COMP. SKEL. ONLY
1579 ♂ "
COMP. SKEL. ONLY
1580 ♂ "

AUG. 13

1581 ♀ (NO EMB'S) EUTAMIAS TOWNSENDI 240-107-34-22^(W) 64.4
1582 ♂ (YES 34.5 EMB'S) " " 253-102-35-22^(W) 77.6
1583 ♀ (NO SCARS BUT LATENT) " " 257-107-35-23^(W) 97.4
1584 ♀ (NO EMB'S) THOMOMYS MONTICOLA 170-53-24-6^(W) 53.5
1585 ♂ (YES 34.5 EMB'S) " " 218-65-26-7^(W) 103.4

AUG. 14

1586 ♂ (YES 34.5 EMB'S) PEROMYSCUS MANICULATUS 176-85-19-18^(W) 19.5
1587 ♀ (1 RT, 4 LT, OLD SCARS) " 178-83-20-18^(W) 20.8
1588 ♀ (NO SCARS BUT LATENT) EUTAMIAS TOWNSENDI 258-114-34-21^(W) 101.3
SKIN ONLY
1589 ♂ (YES 34.5 EMB'S) SCIRPUS DOUGLASSI 315-130-52-26^(W) 195.5
TO DR. SOLODOV, RUSSIA → 1590 ♀ (NO EMB'S) THOMOMYS MONTICOLA 210-62-26-7^(W) 90.0
1591 ♂ (YES 34.5 EMB'S) "QUAIL" (OREOREMYX PICTA) (IN HOUSE) 99.5

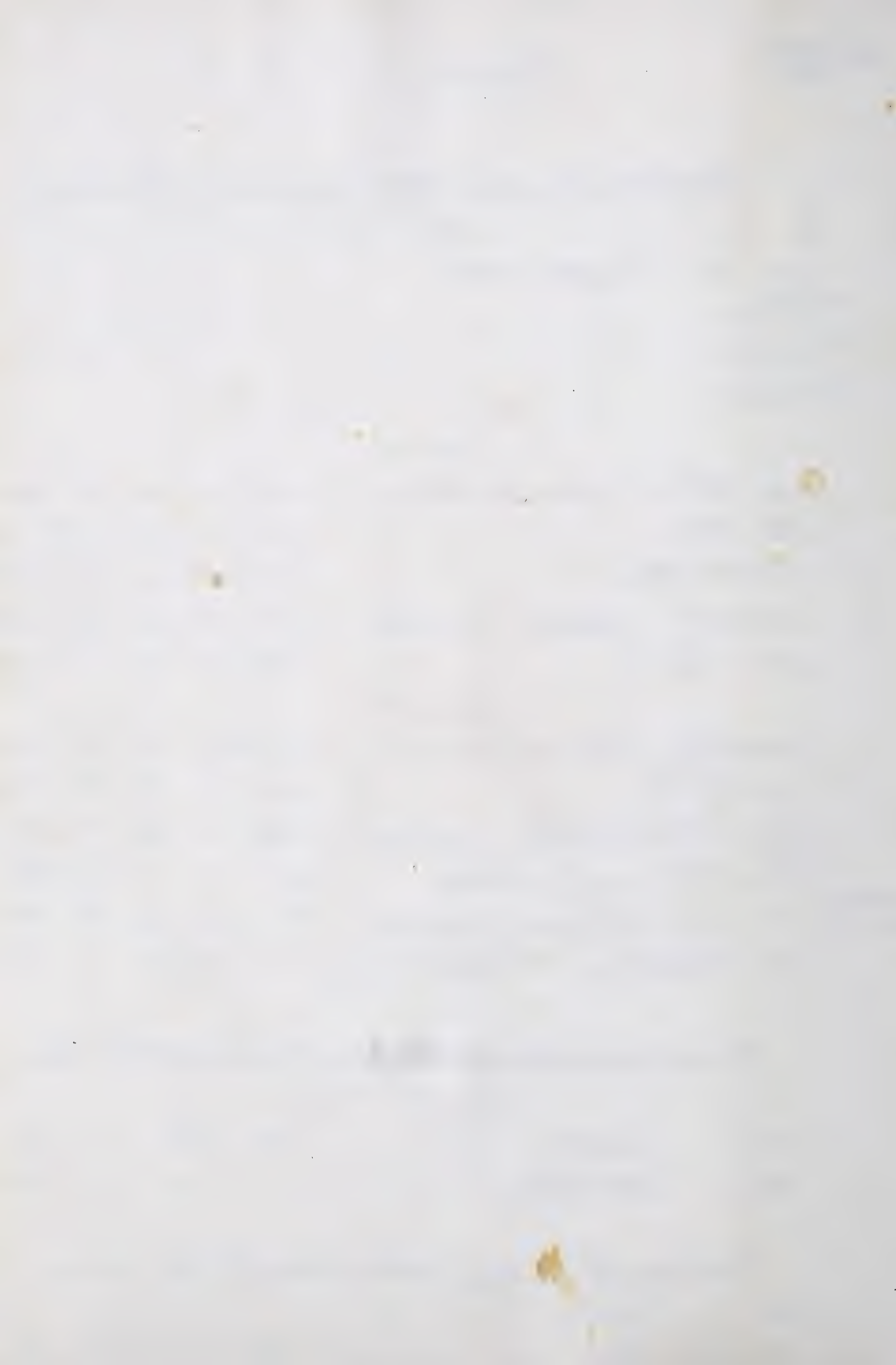
HATCHET CREEK CAMP, 3550⁺ FT., 10 MI. W BURNLEY, SHASTA CO., CALIF.

AUG. 16

1592 COLUBER SV - 355 TL - 470
1593 PEREGRINUS SV - 60 TL - 168

BUTT CREEK, 4300 ± FT., 8 MI. S CHESTER, PLUMAS CO., CALIFORNIA
AUG. 17

1594 RANA
1595 ♂ (YES 34.5 EMB'S) MYOTIS 70-34-5^(W) 3.6



A.C. ZIEGLER
1959

CANADIAN

BUTT CREEK, 4300 ± FT., 8 MI. S CHERRY, PLUMAS CO., CALIFORNIA

AUG. 18

1596 ♀ (NO EMB) Sorex 100-44-12-8^(W) 4.2

1597 ♀ (") " 103-43-12½-8^(W) 4.9

1598 ♂ (TES 17x10, 1010-?) " 103-46-13-8^(W) 5.0

TO DR. SOLOV,
RUSSIA →

1599 ♂ (TES 2x10, 1010-?) Microtus 175-47-20-14^(W) 51.5

1600 ♀ (NO EMB) CITELLUS LATERALIS 252-92-38-21^(W) 125.7

1601 HYLA

1602 "

1603 RANA BURROPP C. P. B. 1010-?

1604 "

1605 "

1606 "

1607 "

1608 "

(SEP. ACCN) →

1609 THAMNOMYS

1610 ♀ (1 RT, 4 LT, 15 MM EMB'S) Microtus

1611 ♀ (2 RT, 3 LT, SCALES) Thomomys

1612 ♀ (NO EMB) CITELLUS LATERALIS

1613 ♂ (TES 4x8, 1010-?) "

1614 ♀ (1 RT, 2 LT, SCALES) "

1615 RANA

1616 "

1617 "

1618 "

1619 "

1620 "

1621 "

COLL'S:
DENNIS &
GRAY
BOATSMAN

COLL: RICHARD L. COCHRAN #COMADVA
SV = 440 T.L. = 555

160-40-20-12^(W) 50.0

208-70-26-9^(W) 77.9

241-78-39-20^(W) 117.0

240-80-40-21^(W) 120.7

264-92-40-22^(W) 164.8

COLL'S:
DENNIS &
GRAY
BOATSMAN



A.C. ZIEGLER
1959

(ATLAS)

BUTT CREEK, 4300⁺ FT., 8 MI. S CHESLER, PLUMAS CO., CALIFORNIA

AUG 18 (CONT'D)

1622 RANA
1623 "
1624 "

} COLLS:
DENNIS & GARY
BOOTHMAN

AUG. 19

1625 ♀ (NO EMB) EUTAMIAS SPECIOSUS

218-100-33-20^(W) 56.8

1626 ♂ (TES 7x11, EP 0.4) MICROTUS

170-42-20-14^(W) 54.6

1627 ♂ (TES 1x8, EP 0.4) EUTAMIAS TOWNSENDI

235-100-34-23^(W) 75.0

1628 ♂ (") SCIURUS DOUGLASSI

(WASHED IN GASOLINE)
337-127-55-30^(W) 244.3
TAIL TIP DISCARDED (WASHED IN GASOLINE)

1629 ♂ (TES 4x10, EP 0.0) "

305-98-56-28^(W) 257.8

1630 ♀ (2 RT, 1 LT, OVOSCH) CITELLUS LATERALIS

(WASHED IN GASOLINE)
276-85-39-23^(W) 209.8

1631 ♀ (NO EMB) "

(WASHED IN GASOLINE)
263-81-39-23^(W) 238.4

1632 ♂ (TES 5x8, EP 0.0) CITELLUS BEWINGI

(WASHED IN GASOLINE)
255-65-41-14^(W) 248.0

1633 ♀ (NO EMB) EUTAMIAS SPECIOSUS

220-96-32-19^(W) 53.0

1634 ♀ (") CITELLUS BEWINGI

(WASHED IN GASOLINE)
255-60-41-13^(W) 233.7

COMA
SUGGESTION ONLY

1635 HYLA

COMA
SUGGESTION ONLY

1636 RANA

1637 "

1638 "

1639 "

1640 "

1641 "

} COLL.
RICHARD L.
COCHRAN

~~7 MI. S, 4 MI. E BOORE, 6500⁺ FT., MONO CO., CALIFORNIA~~

~~COLL. AUG. 20, 1959 DIED. AUG. 24, 1959 COLL. W.B. QUINN~~

A.C. ZIEGLER
1959

CANADIAN

7 mi. S, 4 mi. E Basie, 6500[±] ft., Mono Co., CALIFORNIA

COLL'D: AUG. 20, 1959 DIED: AUG. 24, 1959 COLL: W.B. QUAY

1642 ♀ (NO EMB'S)	<u>MICROTODON</u>	156 - 85 - 24 - 10 ^(W)	7.2
1643 ♀ (2 RT, 2 LT. OLD SCARS)	"	156 - 88 - 24 - 10 ^(W)	7.6
1644 ♀ (RT. 11 DLT. OLD SCARS)	"	156 - 85 - 24 - 10 ^(W)	8.2

COLL'D: AUG. 20, 1959 DIED: AUG. 26, 1959 COLL: W.B. QUAY

1645 ♀ (NO EMB'S)	<u>MICROTODON</u>	148 - 78 - 25 - 9 ^{1/2} (W)	11.4
1646 ♂ (TESTES 2x3 mm, 30 D. -)	"	151 - 81 - 25 - 10 ^(W)	11.5

STRAWBERRY CANYON (POULTRY PENS), BERKELEY, ALAMOSA CO., CALIF.

AUG. 26

COLL: MR NORIO INOUE
(WASHED IN GASOLINE) (W)

1647 ♀ (NO EMB'S)	<u>MEPHITIS</u>	460 - 215 - 62 - 28	550 gm
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1.2 mi. SSE KEELER, 3600[±] ft., INYO CO., CALIFORNIA

COLL'D JUNE 29, 1959; DIED: AUG. 10, 1959 COLL: W.B. QUAY

1648 ♂ (TESTES 3x6 mm, 30 D. -)	<u>DIPLO DERMIS</u>	335 - 205 - 51 - 16 ^(W)	68.2
1649 ♂ (TESTES 3x6 mm, 30 D. -)	<u>DIPLO MERRIAM</u>	187 - 86 - 37 - 13 ^(W)	25.6
1650 ♂ (TESTES 5x8 mm, 30 D. -)	"	234 - 127 - 36 - 13 ^(W)	25.7

SKIN ONLY
TAIL TIP MISSING

LAFAYETTE (RELIGIOUS RD, 1/2 mi. S ACACIAS JCT.), CONTRA COSTA CO., CALIFORNIA

AUG. 26

SKINNED BY CAR
COLL: PAUL R. NEBOJIAN
(WASHED IN GASOLINE)

1651 ♂ (TESTES 2x12 mm, 30 D. -)	<u>SCIURUS NIGER</u>	475 - 240 - 69 - 30 ^(W)	578 gm
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STRAWBERRY CANYON (POULTRY PENS), BERKELEY, ALAMOSA CO., CALIF.

AUG. 30

COLL: MR. NORIO INOUE
(WASHED IN GASOLINE) (W)

1652 ♂ (TESTES 2x12 mm, 30 D. -)	<u>MEPHITIS</u>	505 - 245 - 70 - 27	695
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A.C. ZIEGLER
1959

CATALOG

OFF FARALLON ISLANDS, SAN FRANCISCO CO., CALIFORNIA

AUG. 17

COLL: GOLDEN GATE FISHING CO.

ALCOHOLIC

1653 ♂ ^{EMB.} BALAEONASTES BOSEANUS

(MOTHER: 50 FT. TOTAL LENGTH)

AUG. 28

COLL: "

BLOCK OF
BALEEN ONLY

1654 ♂

(FROM LEFT ANT. $\frac{1}{3}$ OF JAW)
TOTAL LENGTH = 46 FT.

SEPT. 4

COLL: "

PT. SIDE + ALL BALEEN ONLY

1655 ♂ ^{EMB.} MESOTIA NOVAEANGLIAE

(MOTHER WAS 42 FT. T.L.)
T.L. = 11 FT.

SOLAR PASS, 9625⁺ FT., TUOLUMNE CO., CALIFORNIA

SEPT. 10

1656 ♀ (NO EMB.) CITELLUS BERLINGI

(WASHERS IN GASOLINE)
255-65-41-15^(W) 267.0
COLL: W.B. QUAY (WASHERS IN GASOLINE)

1657 ♀ (") SCIURUS DOUGLASSI

325-130-51-26^(W) 220.0

1658 ♂ <sup>TESTES 2x5
EMB. 10-10</sup> EUTAMIAS SPECIOSUS

205-85-34-20 $\frac{1}{2}$ ^(W) 58.5

1659 ♀ (NO EMB.) EUTAMIAS

213-88-33-21^(W) 66.0

1660 ♀ (") CITELLUS LATERALIS

(WASHERS IN GASOLINE)
253-95-39-21^(W) 167.5

1661 ♀ <sup>325, 340
EMB. 10-10</sup> SCIURUS DOUGLASSI

335-140-53-28^(W) 257.0

SEPT. 11

1662 ♂ <sup>TESTES 4x5
EMB. 10-10</sup> CITELLUS LATERALIS

265-100-39-19^(W) 153.7

1663 ♀ (NO EMB.) EUTAMIAS

COLL: JONNY PUN
197-88-30-14^(W) 34.3

$\frac{1}{2}$ MI. NW SOLAR PASS, 9400⁺ FT., TUOLUMNE CO., CALIFORNIA

SEPT. 11

COLL: W.B. QUAY

1664 ♂ <sup>TESTES 1x1
EMB. 10-10</sup> BOZEX OBSCURUS

112-50-13-8^(W) 4.1

1665 ♂ <sup>TESTES 2x2
EMB. 10-10</sup> THOMOMYS

215-66-28-9^(W) 116.0

1666 ♀ <sup>2x1
EMB. 10-10</sup> PEROMYSCUS MANICULATUS

170-73-19-18^(W) 20.6

1667 ♂ <sup>TESTES 2x5
EMB. 10-10</sup> (")

167-74-20-18^(W) 19.9

1668 ♂ <sup>TESTES 2x2
EMB. 10-10</sup> MICROTUS MONTANUS

169-44-19-13^(W) 52.3



A.C. ZIEGLER
1959

CATAMORA

1/2 mi. N Sonora Pass, 10,000[±] FT., TOLUKE CO., CALIF.

SEPT. 11

com. P. skin. only. P. C. LUP

1669

~~DISCARDED~~
~~NEOTOMA ELEGANS~~

coll. JOAN H. QUAM

(NO MEAS OR WT.)

6 mi. S, 7 mi. E BORE, 6500[±] FT., MONO CO., CALIFORNIA

SEPT. 12

1670	♂	(^{TES} 2x3 GAO.-)	<u>MICROTUS</u>	146-78-24-10 ^(W)	10.6
1671	♀	(^{NO} EMB)	"	143-78-24-10 ^(W)	10.8
1672	♀	(")	"	150-78-25-10 ^(W)	11.0
1673	♀	(")	"	152-76-25-10 ^(W)	11.5
1674	♂	(^{TES} 2x3 GAO.-)	"	157-82-25-10 ^(W)	11.6
1675	♀	(^{NO} EMB)	<u>D. AO. AZO. (?)</u>	235-130-40-12 ^{1/2} (W)	46.9

1 mi. (BY ROAD) W Big Meadows, CALAVOGAS CO., CALIFORNIA

SEPT 12

SKIN ONLY

1676	♀	(^{NO} EMB'S)	<u>SCIURUS DOUGLASSI</u>	DOR. 340-130-51-29 ^(W)	253.3
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Berkeley (AUSTIN WAY & CALIFORNIA ST.), ALAMEDA CO., CALIFORNIA

SEPT. 10

DOR. COLL. E.E. ROSENBLUM

1677	♀	(^{2 RT. 1 LT.} OAS SEAS)	<u>SCIURUS NIGER</u>	530-250-65-35 ^(W)	682
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1.0 mi. N, 2.0 mi. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

AUG. 19, 1959

coll. G.F. FISLER

1678	♀	(^{NO} EMB'S)	<u>Sorex ORNATUS</u>	97-40-11-8 ^(W)	3.3
1679	♂	(^{TES} 3x7 GAO.-)	<u>MICROTUS CALIFORNICUS</u>	174-53-21-14 ^(W)	45.3

^{SOUTH END}
0.1 mi. W RICHARDSON BAY BRIDGE (SALT MARSH), MARIN CO., CALIF.

AUG. 22, 1959

coll. G.F. FISLER

1680	♀	(^{3 RT. 0 LT.} OAS SEAS)	<u>MICROTUS CALIFORNICUS</u>	152-40-20-13 ^(W)	30.6
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A.C. ZIEGLER
1959

Catalog

MILL VALLEY (SALT MARSH, NE OF TAMALPAIS HIGHWAY), MARIN CO., CALIF.

AUG. 22, 1959

COLL. G.F. FISLER

1681 ♂	(TES 4x7 CP.D.+)	<u>MICROTUS CALIFORNICUS</u>	161-45-21-14 ^(N)	40.0
1682 ♀	(3x7, 1LT. 2mm EMB'S)	"	165-49-20-14 ^(N)	44.4

S BANK, GALINAS CREEK (SALT MARSH), MARIN CO., CALIFORNIA

AUG. 26, 1959

COLL. G.F. FISLER

1683 ♂	(TES 3x7 CP.D.?)	<u>Sorex VAZIANUS VAZIANUS</u>	94-34-11½-8 ^(N)	6.2
1684 ♀	(NO EMB'S)	<u>MICROTUS CALIFORNICUS</u>	175-50-21-15 ^(N)	42.3

(SALT MARSH,
¾ MI. W BOX HILL) LACKSPOUR, MARIN CO., CALIFORNIA

AUG. 29, 1959

COLL. G.F. FISLER

SKULL ONLY	(OAS. INT)	<u>Sorex VAZIANUS VAZIANUS</u>	111-38-11½-8 ^(N)	5.7
1685 ♀	(EMB)	"	"	"
SKULL ONLY	(1x7, 1LT. 2 EMB'S)	"	108-37-12-8 ^(N)	5.7
1686 ♀	"	"	"	"
COMP. SKEL. ONLY	(TES 3x6 CP.D.?)	"	112-36-12-7 ^(N)	6.9
1687 ♂	"	"	"	"
SKULL ONLY	(TES 4x7 CP.D.+)	"	110-37-12-9 ^(N)	7.2
1688 ♂	"	"	"	"
1689 ♂	(TES 4x6mm CP.D.?)	"	116-39-12-8 ^(N)	8.0

AUG. 30, 1959

COLL. G.F. FISLER

SKULL ONLY	(NO EMB)	<u>Sorex VAZIANUS VAZIANUS</u>	99-35-11-8 ^(N)	4.0
1690 ♀	"	"	"	"
SKULL ONLY	(")	"	109-40-13-7 ^(N)	4.4
1691 ♀	"	"	"	"
SKULL ONLY	(")	"	102-38-12-8 ^(N)	4.7
1692 ♀	"	"	"	"
SKULL ONLY	(")	"	76 ⁺ -14 ⁺ -12-8 ^(N)	4.8
1693 ♀	"	"	"	"
SKULL ONLY	(TES 3x7 CP.D.-)	"	109-37-12-7 ^(N)	6.7
1694 ♂	"	"	"	"
SKULL ONLY	(")	"	114-34-12-8 ^(N)	7.1
1695 ♂	"	"	"	"
1696 ♂	(")	"	110-38-12-8½ ^(N)	7.1
COMP. SKEL. ONLY	(")	"	107-40-12-8 ^(N)	7.2
1697 ♂	"	"	"	"

A.C. ZIEGLER
1959

CATALOG

(SALT MARSH)
SCHULTZ SLOUGH, 2.5 MI. E, 2 MI. S PERALUMA, SONOMA CO., CALIFORNIA

AUG. 28, 1959

COLL: G. F. FISHER

SKULL ONLY 1698 ♂ (TES 1x3 EPIO.-)	<u>M. CRATUS CALIFORNICUS</u>	139-48-21-9 ^(N)	21.3
SKULL ONLY 1699 ♂ (TES 1x3 EPIO.-)	"	146-49-22-1 ^(M)	23.9
SKULL ONLY 1700 ♂ (")	"	150-45-21-13 ^(N)	26.7
SKULL ONLY 1701 ♀ (NO EMB'S)	"	152-44-21-14 ^(N)	30.6
SKULL ONLY 1702 ♂ (TES 1x3 EPIO.-)	"	164-50-21-12 ^(N)	33.3
SKULL ONLY 1703 ♀ (NO EMB'S)	"	161-49-21-14 ^(N)	33.4
SKULL ONLY 1704 ♀ (")	"	155-45-21-14 ^(N)	33.6
SKULL ONLY 1705 ♂ (TES 2x3 EPIO.-)	"	165-50-21-13 ^(N)	34.3
SKULL ONLY 1706 ♀ (NO EMB.)	"	162-48-21-14 ^(N)	35.9
SKULL ONLY 1707 ♀ (2 RT, 1 LT. SCARS)	"	166-52-20-13 ^(N)	36.4
SKULL ONLY 1708 ♂ (TES 2x4 EPIO.-)	"	167-52-22-14 ^(N)	37.7
SKULL ONLY 1709 ♀ (2 RT, 3 LT. 10mm EMB'S)	"	166-47-20-14 ^(N)	39.9
1710 ♀ (NO EMB'S)	"	148-42-20-14 ^(N)	32.1
1711 ♀ (")	"	157-45-21-15 ^(N)	36.9
1712 ♀ (")	"	171-53-21-14 ^(N)	39.0
1713 ♂ (TES 2x4 EPIO.-)	"	174-54-22-14 ^(N)	47.8
1714 ♂ (TES 4x7 EPIO.+)	"	183-56-22-15 ^(N)	49.5
1715 ♀ (1 RT, 1 LT. 10mm EMB)	"	174-47-20-15 ^(N)	49.6
1716 ♀ (2 RT, 1 LT. 8mm EMB'S)	"	186-53-21-15 ^(N)	52.3
1717 ♀ (4 RT, 5 LT. 0mm SCARS)	"	195-62-22-15 ^(N)	63.8
1718 ♂ (TES 4x8 EPIO.+)	"		

SONOMA PASS, 9625[±] FT., TUOLUMNE CO., CALIFORNIA

COLL: SEPT. 11, 1959 AND: SEPT. 12, 1959 COLL: W. B. QUAY

1719 ♀ (1 RT, 2 LT. 3mm EMB'S)	<u>MICROTUS LONGICAUDUS</u>	200-72-21-14 ^(N)	31.1
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A.C. ZIEGLER
1959

Catalog

OFF FARALLON ISLANDS, SAN FRANCISCO CO., CALIF.

LEFT RAMUS ONLY

17200

PHYSETER CATODON

SEPT. 10

COLL: GOLDEN GATE FISHING CO.
SPEC FROM ROBERT CASPER
VIA E.E. ROSENBAUM.

TOTAL LENGTH = 39 FT.

+ 2 HYP. BONES
SKULL ONLY

17210

BERGRODUS BAIROI

SEPT. 17

COLL: GOLDEN GATE FISHING CO.
SPEC FROM ROBERT CASPER

TOTAL LENGTH = 37 FT.

FOOTE RANCH, 1 MI. S M. RABEN, LAKE CO., CALIFORNIA

SKULL + 2 CERVICALS ONLY
- A. C. ZIEGLER

1722

SET

OVIS ARIZ

PICKED UP SEPT. 1958

COLL: R. E. GRAHAM

NO MEAS. OR WT.

2 MI. N, 1 MI. E VALLEJO, 75[±] FT., SOLANO CO., CALIF.

OCT. 4, ~~1958~~

COLL: DON MEDINA

17230

(^{TES}
2+3)

EUPHROS CYANOCOPHALLUS

20.0

SABEREN CREEK EXPOSED STR, 6400[±] FT., 3 MI. NW HOBART MILLS, NEVADA CO.

OCT. 4,

(SPEC'D BY R. E. GRAHAM)
COLL: R. E. GRAHAM
KEN EVANS
25.2

1724

ZONOTRICHIA

(BY ROAD) 4.5 MI. W BODIE, MONO CO. CALIFORNIA.

COLL'D: JULY 19, 1959 DIED OCT. 8, 1959

COLL: J. M. TAYLOR

17250

(^{20, 21}
SCALP)

DIPO. PANAMINTINUS?

300-180-48-14^(N)

38.2

2 MI. N, 1 MI. E VALLEJO, 75[±] FT., SOLANO CO., CALIFORNIA

OCT. 13

COLL: DON MEDINA

17260

(^{TES}
1+1)

PASERCOLUS SANDWICHENSIS

18.5

17270

(^{FOL'S}
1+1)

"

"

18.6

A.C. ZIEGLER
1959

CATACLO

8 mi. S, 2 mi. E Base, 6500[±] ft., Mono Co., California

coll: Sept. 12, 1959, died Oct. 16, 1959

1728 ♀ (EMB) Eutamias minimus 182 - 82 - 28 - 15^(N) 32.3

18.0 mi. (BY ROAD) S Fallon, Churchill Co., Nevada

Oct. 11, 1959

coll: D. Galloway

1729 ♂ (TES 2x2 EMB) Microtus pallidus? 160 - 88 - 26 - 10^(N) 12.2

1730 ♂ (TES 2x2 EMB) Diplo deserti 340 - 200 - 53 - 18^(N) (WTSO) 92.5

1731 ♂ (TES 2x2 EMB) Diplo merriami 239 - 136 - 39 - 13^(N) 38.6

1732 ♂ (TES 2x2 EMB) Diplo merriami 217 - 115 - 40 - 14^(N) 40.6

20.2 mi. (BY ROAD) S Fallon, Churchill Co., Nevada

Oct. 11, 1959

coll: D. Galloway

1733 ♂ (TES 2x2 EMB) Microtus pallidus? 163 - 94 - 25 - 11^(N) 10.7

1734 ♂ (TES 2x2 EMB) Diplo merriami 192⁺ - 93⁺ - 40 - 14^(N) 32.5

1735 ♂ (TES 2x2 EMB) " " 234 - 137 - 37 - 13^(N) (WTSO) 30.7

1736 ♀ (EMB) " " 234 - 135 - 36 - 13^(N) (WTSO) 26.2

FOUND ON STOCKTON COLLEGE CAMPUSES, STOCKTON, SAN JOAQUIN Co., Calif.

Rec'd Oct. 5, 1959

coll: J. R. Renner

RT. HAND FOOT ONLY

1737 SET ?

Ursus americanus?

(NO MEAS'S OR WT.)

1.0 mi. N, 2.0 mi. E Martinez (SALT MARSH), Contra Costa Co., Calif.

Nov. 14

coll: G. F. Fisher

1738 ♂ (TES 2x2 EMB) Sorex ornatus

88 - 34 - 11 - 7^(N) 2.5

5 1/2 mi. (BY ROAD) W COVINGTON, MARIPOSA Co., California

Oct. 22, 1959

coll: R. G. Graham

SKULL ONLY - PICKUP

1739

SEX ?

LYNX RUFUS

(NO MEAS'S OR WT.)

A.C. ZIEGLER
1959

CATALOG

18.0 mi. (BY ROAD) S FALCON, CHURCHILL CO., NEVADA
Coll. D. G. GARNER

coll. Oct. 11, 1959, died Nov. 15, 1959

1740 ♀ (52.4 mm) ONYCHOMYS

145-55-20-16^(N)

11.1

SAN PABLO CREEK (salt marsh), RICHMOND, CONTRA COSTA CO., CALIF.

Nov. 20

coll. G. F. FISHER
97-37-11-7^(N) 3.2

1741 ♀ (65.5 mm) SCOTIA ORINATUS

3.5 mi. S BANNING (IOWA ROAD), RIVERSIDE CO., CALIF.

coll'd AUG. 20, 1955

coll. ROBT GRASSER

1742

XANTHIA MENSHAWI

PODER FERT, 5000[±] FT., 12 mi. NW HAPPY CAMP, S. SUTTER CO., CALIF.

coll'd AUG. 13, 1959

1743 ♀ AD ASCARIDUS NEVEI

1744 METAMORPH
YO.

" "

1745 3 TADPOLES

" "

1/2 mi. W INYOKERN P.O., 2425[±] FT., KERN CO., CALIFORNIA

coll'd: JUNE 27, 1959 died: MAR 12, 1960

1746

PHRYNOSOMA

S.V. = 71 mm

SOUTHWESTERN SONORA CO., CALIFORNIA

coll'd: OCT. 21, 1956 died: FEB. 14, 1960

1747

GERRHONOTUS COERULEUS

T.L. = 290 mm, S.V. = 115 mm

CORRAL HOLLOW, ARAMBOA CO., CALIFORNIA

coll'd JUNE 10, 1956, died: OCT. 4, 1960

1748 ♂ (28.5 mm) PROGNAZUS INORNATUS 132-70-19-7^(N) 9.2

END 1959 CATALOG

TO DC.
ST. P. 100
U.C. 100
DEPT.

Ziegler, A. C.

1959

Journal

A. C. ZIEGLER
1959

JOURNAL

1.0 MI. N, 2.0 MI. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

JAN 11/12 PUT UP 2 Sorex arnatus + 4
MICROTUS TAKEN BY GEO. F. FISHER AT MVZ.
SEE HIS NOTES FOR ECOLOGICAL DATA. TO
MVZ ACIN #9608.

BROOKS ISLAND, CONTRA COSTA CO., CALIFORNIA

FEB. 7. PUT UP 10 MUS TAKEN ON ISLAND BY
DR. LIDICKER, PAUL ANDERSON, DON RASZOS + MYSELF
BETWEEN 3 AND 5 PM. MICROTUS NOW PRESENT
ON BROOKS, HAVING GOTTEN ACROSS THE CHANNEL
FROM THE ISOLATED ROCK CALLED LITTLE BROOKS IS.

STRAWBERRY CANYON, BERKELEY, ALAMEDA CO., CALIF.

FEB 8 PUT UP 1 Sorex neobriotes FOR ZOO 113
COLL. TAKEN IN LIVE TRAP IN WOODS BY
J. MARY TAYLOR OF MVZ.

SIDE HENNESSY RESERVOIR, NAPA CO., CALIFORNIA

COLLECTED
JAN 1, 1959 PUT UP LEIUS CALIF. FOR ZOO 113 COLL. FOUND
+ KEPT IN FREEZER FOR 1 1/2 MONTHS.
D.O.R. BY DR. LIDICKER, SEVERAL TICKS AROUND
EARS + A FEW SORES, PERHAPS FROM OTHER
TICK BITES.

STRAWBERRY CANYON, 850± FT., BERKELEY, ALAMEDA CO., CALIF.

coll. Nov. 30, '58
died Feb. 10, '59

PUT UP Sorex ornatus TAKEN IN LIVE TRAP IN GRASS
IN CANYON LAST NOV. 30. KEPT IN CAGES AT MY
HOME.

A.C. ZIEGLER
1959

JOURNAL

1.0 MI. N, 2.0 MI. E MARTINEZ (SAN MARINO), CONTRA COSTA Co., CALIF.

FEB 14
+ 15

PUT UP FOR MVB, A SORBY ORNATUS + A MICROTUS
CALIF. TAKEN BY GEO. F. FISHER OF MVB.
MICROTUS SEEMED TO BE BREEDING (TESTES 7mm, OVIO. +).

OFF HALF MOON BAY, SAN MATEO Co., CALIFORNIA

FEB 23

WENT OUT ^{on Feb 24 + 25} TO DEN MONTE FISHING Co., in
RICHMOND (NEW, UNLISTED, PHONE # BE 3-2000)
TO TRY TO GET PARTS OF GREY WHALE. A DR.
LOGAN (MD?) FROM L.A. APPARENTLY GOT A
PERMIT TO TAKE 4 GREYS FOR ELECTROCARDIO-
GRAMS + ANATOMICAL STUDIES. THE Co. GOT
ONE ON FEB 23 + GOT SHOTS AT 2 ON FEB.
25. WILL TRY TH FEB 28 TO GET OTHER 3.
A DR. TRUAX, HEART SPEC. FROM PHILADELPHIA
WAS DISSECTING HEART OF ♀ GREY TAKEN
FEB. 23. SPECIALLY STUDYING THE SA + AV
NODES + NERVE FIBERS JUST UNDER ENDO-
CARDIUM. MET DR. R.M. GILMORE FROM LONG
BEACH (NO LONGER WORKING FOR GOVERNMENT)
WHO HAS COME UP TO SEE HIS FIRST
GREY WHALE (ABOVE THAT IS). ALSO A
MR. BEASLY, APPARENTLY 2ND IN CHARGE OF
U.S. DEPT. OF INTERIOR, WAS THERE.
DR. GILMORE MENTIONED THAT THE USUALLY
RESIDENT HUMPHRED WHALES WAS APPARENTLY
MOVED OUT. MIGRANTS OF THIS SPECIES ALSO
OCCUR HERE DURING WHALING SEASON (APR-OLY)

A.C. ZIEGLER
1959

JOURNAL

OFF HALF MOON BAY, SAN MATEO CO., CALIFORNIA

FEB. 23

I collected skin with bristles from snout of FEB 23 grey + also skin with tiny bristles sunken into the skin of snout region. GAVE PARTS OF THESE PIECES + FROG'S OF BOVE + VEST. NEWBORN TO DR. QUAY of U.C. ZOO. DROT. GAVE ANOTHER PIECE OF SKIN WITH BRISTLES TO MUZ. BOWMAN WENT TO DR. SMITH of ZOO. DEXT. DR. GILMORE + SEVERAL OTHERS ACQUAINTED WITH WHALES. SAID THAT SEVERAL (IF NOT ALL) SPECIES OF BRECH WHALES HAS BRISTLES ON ~~THE~~ SNOUT, BUT DID NOT THINK THEY APPEARED ON TOOTHED WHALES WHICH THEY HAS SEEN. ALSO SAW SKIN OF BALINOS BEAUCES WHALE TAKEN LAST YEAR BY DEL MONTE. THE ~~WHALE~~ OPERATOR, CHUCK CAITO, WAS APPARENTLY SELLING IT TO L.A. CO. MUSEUM. (ADDRESS OF: DR. RAY TRUX, HANNEBERRY MEDICAL COLLEGE, PHILA. 235 N. 15TH PHILA 2, PENN.)

OFF POINT REYES, MARIN CO., CALIFORNIA

FEB 26

DEL MONTE FISHING CO. TOOK ANOTHER GREY WHALE + I WENT OUT TO SEE IT CUT UP. GOT PARTS OF MANY ORGANS + ISSUES, FOR DR. QUAY, etc. GOT 1 PELVIC BONE, HUMAN OF BRECH. + PIECE OF SKIN FOR MUZ. ARZ #1355. DR. TRUX ALSO TOOK MANY SAMPLES OF ISSUES. THIS IS HIS "WHALE #2". DR. GILMORE TOOK EXTENSIVE SERIES OF EXTERNAL MEAS.

A.L. ZIEGLER
1959

Townsend

MUSEUM VERTEBRATE ZOOLOGY, UNIV. CALIF., BERKELEY, CALIF.



PHOTOS BY DR. JOSE I. BORRERO H. MAR., 1959



FUR
ROOM
(TEMP 38°F.)

A.C. ZIEGLER
1959

TOWNSON

MUSEUM VERTEBRATE ZOOLOGY, UNIV. CALIF., BERKELEY, CALIF.

ALCOHOL
ROOM
(UNCOOLED)



PHOTOS BY DR. JOSE I. BORRERO H. MAR., 1959

BONE
ROOM
(TEMP. 52 °F)



A. C. ZIEGLER
1959

TOWNSEND

MUSEUM VERTEBRATE ZOOLOGY, UNIV. CALIF., BERKELEY, CALIF.



PHOTOS BY DR. JOSE I. BORRERO H. MAR., 1959



A.C. ZIEGLER
1959

JOURNAL

UNITED STATES NATIONAL MUSEUM, WASHINGTON, D.C.



U.S.N.M. - Washington

PHOTOS BY DR. JOSE I. BORRERO H. NOV., 1958



USNM - Washington

A.C. Zieher
1959

Townsend

UNITED STATES NATIONAL MUSEUM, WASHINGTON, D.C.



U.S.N.M. - Washington

PHOTOS BY DR. JOSE I. BORRERO H. NOV., 1958



U.S.N.M. - Washington

A.C. ZIEGLER
1959

Townsend

American Museum Natural History, New York, N. Y.

ALUMINUM(?)
CASES →



PHOTOS BY DR. JOSE I. BOERGERO H. Dec., 1958



A. C. ZIEGLER
1959

JOURNAL

ACADEMY OF NATURAL SCIENCES, PHILADELPHIA, PENN.

MIDDLE
SECTION OF
CASE APPARENTLY
REMOVABLE FOR
INSTALLATION
OF DOUBLE-WIDTH
TRAYS →



• DEC • 58

Acad. Nat. Sc. Phila.

PHOTO BY DR. JOSE I. BORRERO H. Dec., 1958

TOUR MADE BY DR. BORRERO OF ANH MAJOR
RESEARCH MUSEUMS IN US DURING PART
OF 1958 + 1959 TO GATHER DATA, ETC.,
FOR ESTABLISHMENT OF A SIMILAR
RESEARCH INSTITUTION IN BOGOTÁ, COLOMBIA
— OF WHICH HE IS TO BE DIRECTOR.

ADDRESS: UNIVERSIDAD NACIONAL

INSTITUTO DE CIENCIAS NATURALES
BOGOTÁ, COLOMBIA

APCO. Nat. No. 2535

A.C. ZIEGLER
1959

Journal

2.5 mi. S, 1.0 mi. W CHOWCHILLA, 215⁺ FT, SECT. 12, T10S, R. 15 E, MADERA CO., CALIF.

MAR 6.

PUT UP A ♂ THOMOMYS BOTTAE FOR MVZ DONATED
BY RICHARD L. ^{GRAD STUDENT} INGRAM, OF ZOO. DEPT. KEPT IN
CAPTIVITY, ^{IN BERRIDGE} SINCE DEC. 26, 1958 BY DICK, FEO BRADY,
VEE'S ETC., SUBSTRATE TORN-UP NEWS PAPER.
3x5 CARD ATTACHED BELOW GIVEN BY DICK MARG
WITH SPEC. ACCN # 9629, ACZ # 1356.
LOCALITY DETERMINED FROM USGS CHOWCHILLA
QUAD, EDITION OF 1948.

A.C. ZIEGLER
1959

JOURNAL
MAR 6

GOPHER -

ACCN 9629 MVZ # 124026
ACZ # 1356

CAUGHT 12-26-1958 IN MADERA CO.,
CALIFORNIA.

FROM BURROW NEAR COW CORRALS.
AT FARM NEAR (SE) THE JUNCTION
OF COUNTY ROAD 145 AND
HIGHWAY 152 (PACHECO PASS
HIGHWAY). ABOUT 1 MILE EAST OF
ROBERTSON BLVD. (MAIN STREET OF
CHOWCHILLA) AND 4 MILES WEST
OF HIGHWAY 99.

(OVER)

9 MI (BY ROAD) S of PACINES, SAN BENITO CO., CALIFORNIA

MAR 8

PUT UP SOZEX ORNATUS? TAKEN BY W.B. QUINN OF ZOO.
DEPT. AT ABOVE LOCALITY. DEAD IN LIVE TRAP
- BROT IN WATER ON THE MORNING IT WAS TAKEN.
MVZ ACCN # 9631. DATA ON 3x5 IN. CARD ON
NEXT PAGE GIVEN BY DR. QUINN WITH SPECIMEN.
SAVED AS SKIN & SKULL.

A.C. ZIEGLER
1959

JOURNAL

MAR 8
(CONT'D)

9 MI. (BY ROAD) S OF PAICINES, ^{1000⁺ FT} SAN BENITO CO., CALIFORNIA
Q's DADY ALSO TOOK DIPLO. HEERMANNI & D. ELEGANTIS
& PEROGNATHUS, THE 2 MAMMALS LISTED ON CARD AND
AN ANNEKA & A DIDACTYLIS IN THIS GENERAL AREA.
LOCALITY IS IN SECT. 17, T. 15 S, R. 7 E. Q's SAN BENITO QUAD. 1942.

A.C. ZIEGLER
1959

JOURNAL

Acct# 9631

MUZ # 124027

Acz # 1357

REC'D MAR 8, 59

Sorex

live-trapped (dead), Sat-Sun March 7-8,

9 miles S (by road) of Paicines,

about 200 ft west of Hollister-San Benito Hwy.

In small shrub-grassy hillside on bluff
just east of San Benito River, immediate

area also supporting Pseudotsuga & Reithrodontomys

coll. DR. W.B. QUAY
8/2/02

SAN PABLO CREEK (salt marsh) RICHMOND, CONTRA COSTA CO. CALIF.

MAR. 15

AT VP 60 & 2 ♀ REITHRO. RIVIVENTRIS FOR MUZ
FROM GEO. F. FISKE OF MUZ. MICE TAKEN IN MARSH
ROUGHLY $\frac{1}{2}$ WAY BETWEEN SAN PABLO CREEK & A CREEK
TO THE SW - APPROX. WILCOAT CREEK. ACZ # 1358-1360.

GEORGE'S FIELD NOTES MAY HAVE SOME INFO. ON
HABITAT, ASSOCIATED SPECIES, ETC. HE PLANS TO TAKE
A MONTHLY SAMPLE BY SNARE-TRAPPING & WITH LONG
SALES, TO MUZ. HIS THESIS PROBLEM INVOLVES
THE STATUS OF THE GENUS REITHRO, IN
THE AREAS AROUND SAN FRAN. BAY. THESE 3 SPECIES
WERE TAKEN CARE OF FOR GEORGE IN MUS. SPEC. REQS.

A.C. ZIEGLER
1959

JOURNAL

EAST ENTRANCE PINNACLES NAT'L MON., 1100⁺ FT., SAN BENITO CO., CALIF.

MAY 22 Drove down from Berkeley to Dr. W. B. Quay
+ Mrs. Q. at 200 feet, V.I. Set out 50 mus.
SPECIES, ^{+ 4 RATTUS} JUST TO RIGHT OF ENTRANCE TO MONUMENT
ABOUT 200 - 300 FT (VERTICALLY) ON HILLSIDE
ABOVE ROAD. Dr. Quay set 50 WASPS SHEPHERD
LIVE TRAPS. ~~Also set~~ ON HILLSIDE AT 100⁺
FT. ABOVE ROAD A WHITE FLOWERING CEANOTHUS
- LIKE PLANT UP TO 8 FT. HIGH GREW THICKLY
+ MADE WALKING THRU UPRIGHT ALMOST
IMPOSSIBLE IN SPOTS. ANOTHER PLANT ("CRANIO")
PREDOMINATES HIGHER ON SLOPE - THESE
PLANTS WERE 3 - 4 FT. TALL, 2 FT. IN DIA.
+ ROUGHLY 3 FT OR MORE APART. THE
GROUND WAS OPEN THO. BENEATH THESE
PLANTS + WAS ^{NASTY} BASE WITH ONLY A LITTLE
SPARSE GRASS IN SPOTS. Dr. Quay set his
TRAPS UNDER PLANTS DIRECTLY AT THEIR
BASES - I SET MINE IN OPEN BETWEEN
THE PLANTS. Dr. Q got 5 D. O. ELEPHANTINUS
3 D. O., HEERMANNI, 1 PEROGNATHUS CALIF.
+ SEVERAL PEROMYSCUS TRUEI + MANICULATUS.
I GOT ONLY 1 D. O. ELEPHANTINUS (?) + 2
P. MANICULATUS. SAW SCAT OF COYOTES ON
HILL + FOUND MUSKY URINE ON TRAILS IN
AM. CAMPED 1/4 MILE TO SOUTH OF GATE TO
MONUMENT AS CAMPGROUNDS WERE CROWDED.
50¢ FEE IN SUMMER FOR CAMPING, NONE NOW.
SLEEPING + WATER + PICNIC TABLES + LAMPERS IN MONUMENT.

A.C. ZIEGLER
1959

Journal

12 mi. (BY ROAD) ^{SSE} PACINES, 1100[±] FT., SAN BENITO Co., CALIF.

Mar 22
(cont'd)

Also set 33 small Sherman live traps on SW-facing hillside with sparse grass & sage bushes scattered widely about. DaQuay set 25 small SHERMANS & 25 large SHERMANS in same type of area but up to 100 ft. above my trap line. We both set 2 sets each of gopher traps beside the highway. I also set 50 mus. traps & 8 rat traps along roadside. On hill got 3 PEROGNATHUS CALIF., & several REITHRODUS & a CRICKET. DaQuay got ^{many} REITHRODUS, 6 PEROGNATHUS (40, 2 ♀) & perhaps a PEROMYSCUS or two. He also got 1 GOPHER along highway. I got only 1 rat in one gopher trap, along road I got 7 PEROMYSCUS ~~metz~~ ²⁰³, several REITHRODUS, 1 NEOTOMA LEPIDA AND A DIPLO HOGMANNI. Also a PLAIN TITMOUSE. Saw LEISCALIF. & SYL AUCON.
Left for Berkeley about 9:00 AM & arrived about 12:30 PM.

The locality on preceding page - east end. Pinnacles Natl Mon. 1100[±] FT. etc - is in Sec. 1, T 17S, R 7E as shown on ^{TOAD} Met 2 quad, Cores Eng's, 1940.

12 mi. ^(BY ROAD) SSE PACINES, 1100[±] FT. is in Sec. 34, T 15S, R 7E as shown on TOAD SAN BENITO quad, Cores Eng's, 1942.

A. C. ZIEGLER
1959

TOWNSEND

Strawberry Canyon, 8000 ft., Berkeley, Alameda Co., Calif.

MAR 27 PUT UP NEOTOMA FUSCIPES FOR ZOO 113 COLL. SHOT BY DR. BENSON AFTER ZOO 113 CLASS SHOOK IT OUT OF A TREE NEST. MICE SCARED IN CANYON — DR. B. TOOK ONLY A FEW P. TAVES + A P. CALIF.

MAR 28 PUT UP SOXY TOWNSENDI FOR ZOO 113 COLL. TAKEN BY DR. B. ALSO PUT UP ANOTHER NEOTOMA TAKEN BY HIM. DR. B. GOT NINE MICROTUS IN HIS SPECIAL LIVE TRAPS — I GUES THIS MOUSE WILL GO TO DR. LUDWIG IF HE WANTS IT.

MAR 31 TOOK ND GARDNERS OUT OF ~~4~~ SETS BEFORE BOTANICAL GARDENS, RESET ^{AT 8:00 AM} TRAPS, NEARER ROAD + RAN THEM AT 6:00 AM. GOT 1 GARDNER + HAD 2 OTHER SETS FILLED IN WITH JIRT + SPRUNG; REMAINING ONE NOT TOUCHED. MOVED ONE SET + RESET ALL OTHERS.

APR. 1 RAN SETS IN AM + GOT 3 GARDNERS OTHER SET HAD TRAPS SPRUNG WITH HAIR IN TRAPS.

3 MI. SE ST. HELENA, NASS CO., CALIFORNIA

PUT UP
APR 7

PUT UP LEPUS CALIF. SHOT BY PETER SCHRAMM OF MVZ ON MAR. 15, 1959. WENT TO ZOO 113 COLL. ♂ WITH LARGE TESTES + EVID. TRAVELS EVIDENT. BACK COLOR HAD SOME REDDISH OR CHESTNUT IN IT — NOT SO BLACKISH ABOVE AS SOME OF OUR LOCAL ANIMALS SEEM.

A.C. ZIEGLER
1959

JOURNAL

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.
APR 6. ^{coll.} PUT UP ON APR. 7, 10 REITHRO RAVIVENTRIS
RAVIVENTRIS(?) CAUGHT BY GEO. F. FISLER OF MUZ.
SAME HEADLINE AS ON MAR. 15, 1959. THIS ^{SAME} ~~STAND~~
LINE WILL BE USED BY GEORGE THRU THE REST
OF HIS SAMPLING PERIOD. COVER IS MOSTLY
SPINICORNIA BUT ON END OF LINE "RUNS INTO
DISTICHILIS". GEO. SET 100 MUS. SPEC'S &
GOT 11 REITHROS, 3 MICROTUS & 3 OR 4 SONG
& SAVANNAH SPARROWS. 9 ~~OF~~ OF THE REITHROS
GO TO MUZ & 1 TO MY PERB. COLL. THE 11TH
HAD BROKEN SKULL & WAS DISCARDED.

SEVEN-V RANCHES HQ'S, 25 MI. NW PRESCOTT, YAVAPAI CO., ARIZ.
AND 5 MILES VIRGIN RIVER, 8 MI. SSW MESQUITE, CLARK CO., NEVADA
AND 3 MI. NW GAD, NAVAJO INDIAN RES, COCONINO CO., ARIZONA
APR 16 PUT UP A PEROMYSCUS FLAVUS, P. LONGIMEMBRIS &
NEOTOMA STEPHENSI FROM ABOVE LOCALITIES (SEE THIS
CATALOG FOR COLL'ING DATES) FOR MUZ. ANIMALS
TAKEN ALIVE BY DON & ELSA ISAAC OF ZOO. DEPT.
U.C. BERKELEY. THESE ANIMALS DIED & WERE RECOVERED
ITH PREPARED. NEOTOMA DIED OF SOME SORT OF
DIARRHEA.

1.0 MI. N, 2.0 MI. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.
APR 17 PUT UP 3 SONG ORNATUS TAKEN BY GEO.
FISLER IN MARSH. HE ALSO TOOK A VERY DARK
MICROTUS (YOUNG) WELL OUT OF MARSH IN FIELDS.
(THIS NOT SAVED)

A.C. ZIEGLER
1959

Journal

STRAWBERRY CANYON, 500⁺ FT., BERKELEY, ALAMOSA CO., CALIF.

APR. 20 PUT UP 2 JUV. NEOTOMA TAKEN AS PARTIAL
NAKED YOUNG WITH MOTHER ON APR. 11, 1959.
ONE YOUNG STILL ALIVE & NURSING.

BERKELEY (VIRGINIA GROVES'S), ALAMOSA CO., CALIF.

APR 20 PUT UP ♂ DIOCEPHALIS TAKEN IN BACK-
YARD AT ABOVE ADDRESS BY MR (or DR?) DON
HARRIS OF FORESTRY DEPT., U.C., BERKELEY. TO
PERSONAL COLL. MANY FLEAS BUT NO TICKS
NOTICED ON ANIMAL. DID NOT SEEM ESPECIALLY
FAT. TIPS OF UPPER CANINES BROKEN, LOWER
O.K., OTHER TEETH DID NOT SEEM MUCH WORN.

CORRAN HOLLOW, T. 3S, R. 4E, SAN JOAQUIN CO., CALIF.

APR. 29 ~~PREPARED~~ YG. ♂ TAXIDEA AS "1 SKIN" FOR
MUZ. SHOT BY DON C. WINNERT & MUZ - HIS #
1214. LEFT SIDE SKULL BADLY DAMAGED BY SHOT
BUT OTHERWISE IN GOOD SHAPE. ANOTHER YG.
ANIMAL, PROBABLY A SIB, WENT ALIVE, TO W.C.
RUSSELL OF MUZ.

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

MAY 8+9 PUT UP 12 PERITHUS RAVIV., 1 PERITHUS, MEANWORTH, 1
Sorex VAGANS, 1 Sorex ORNATUS & 2 MICROTUS CALIF.
TAKEN BY GEO. F. FISLER OF MUZ IN SALICORNIA
& DISTICHLYS MARSH. GEO. USED SAME TRAP LINES
AS PREVIOUSLY MENTIONED IN THIS JOURNAL. 100⁺ FEET
BOTH SHAD & LINES

A.C. ZIEGLER
1959

JOURNAL

LOMBARD RANCH, 3525 FT., $\frac{1}{2}$ MI. WNW MT. SHASTA P.O., T. 40N, R. 4W, S. 17.

SISKIYOU CO., CALIF.

DIED
JUNE 5, 1959

PUT UP ^(ON JUNE 7) A CAPTIVE THOMOMYS (MORMON) TAKEN
BY DR. BENSON ON JUNE 12, 1958. ANIMAL HAD BEEN
DEAD A DAY OR SO. SAVED AS "A COM. SKEL."
DR. B. THOT IT MIGHT HAVE BEEN "RICKETTY";
FED ON CAREERS ALMOST EXCLUSIVELY,
APPARENTLY. WILL BE ADDED TO BENSON - THOMOMYS
NO. CALIF. ACEN OF 1958.

FREEMAN CANYON, 4700[±] FT., 1.8 MI. (BY ROAD) SE WALKER PASS, KERN CO., CALIF.

JUNE 27 LEFT BERKELEY AT 4:45 AM ARRIVED WALKER
PASS 4:30 PM. SET OUT 15 SMALL SHERMANS, 2
GOMPERT 2 RAT TRAPS. ^{CATCHED 1 XANTHUSIA & LOST 2.} CAMPED THIS LOCATION.
COMPANIONS: DR. QUAY & DENNIS GALLOWAY OF ZOO.

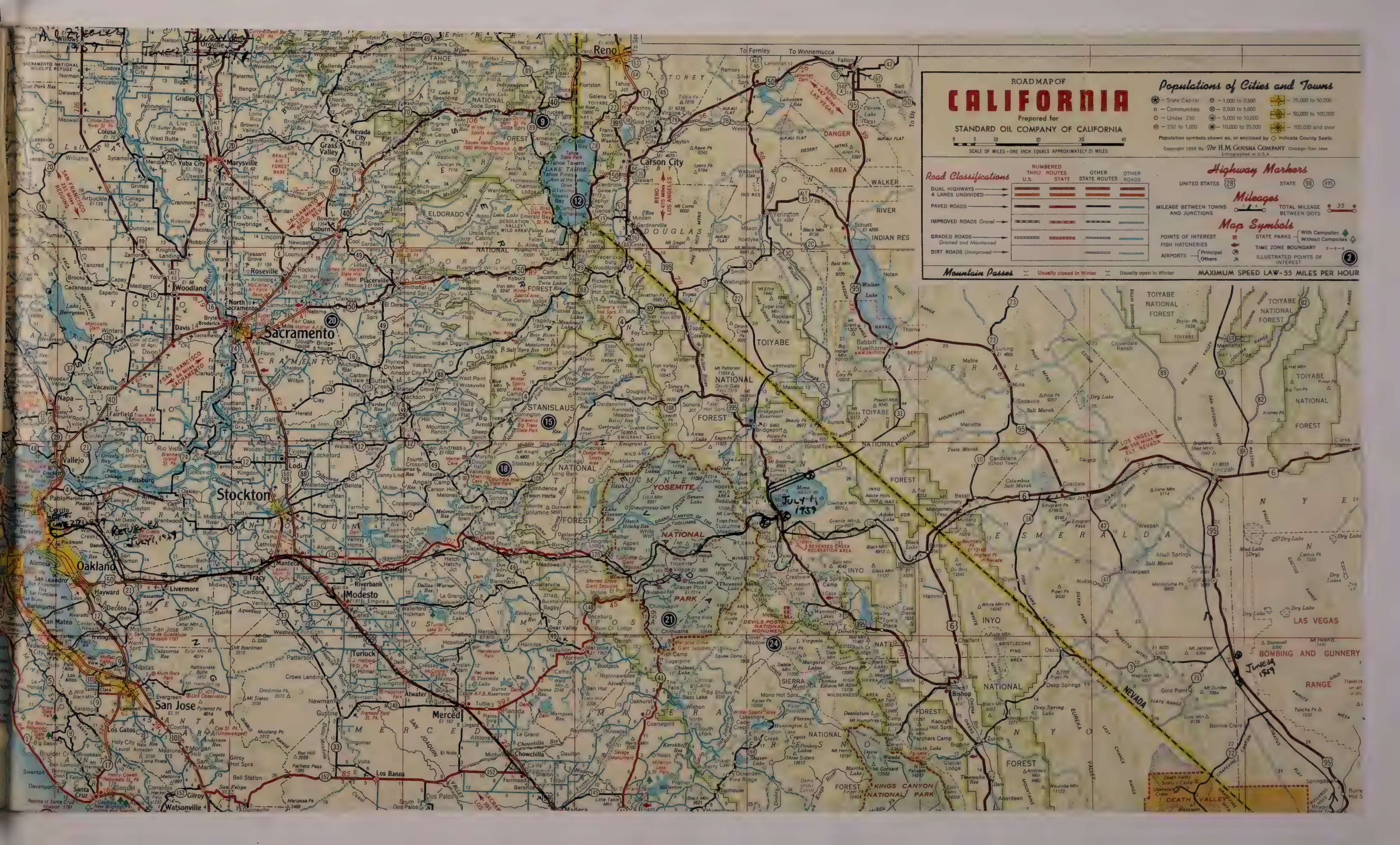
JUNE 28 ~~DR. Q~~ GOT 6 OR 8 PEROMYSCUS ~~TRUCI~~
4 PEROMYSCUS ERICUS (NEW LOCAL RECORD
FOR MVB - LOVE, TO
2 P. MANICULATUS MAIN MVB. IS OF
MVB.
3 ONYCHOMYS (2 WERE YG.)
4 NEOTOMA LEPIDA
3 DIPO. P. MONAVENSIS (?)
+ 1 SMALL PEROMYSCUS (= LONGIMEMBRIS)

DR. Q + DENNIS GOT ABOUT SAME VARIETY + DR. Q
GOT 1 ANTHRAE GROUND SQ.

$\frac{1}{2}$ MI. W INYOKEN P.O., 2425[±] FT., KERN CO., CALIF. P.O. 12

JUNE 27 + 28 SET OUT 21 SMALL SHERMANS IN FLATS
BESIDE UNUSED ARMY AIR STRIP ~~AT~~ EVENING
OF ^{22ND} ABOUT 7:00 PM. CAUGHT ~~THE~~ ^{CANISAUERS} + PEROMYSCUS





ROAD MAP OF CALIFORNIA

Prepared for
STANDARD OIL COMPANY OF CALIFORNIA

SCALE OF MILES - ONE INCH EQUALS APPROXIMATELY 21 MILES

Populations of Cities and Towns

- State Capital
- Communities
- Under 250
- 250 to 1,000
- 1,000 to 2,500
- 2,500 to 5,000
- 5,000 to 10,000
- 10,000 to 25,000
- 25,000 to 50,000
- 50,000 to 100,000
- 100,000 and over

Population symbols shown as, or enclosed by, indicate County Seats.
Copyright 1959 by The H.M. Gousha Company Chicago-San Jose
Lithographed in U.S.A.

Road Classifications

	NUMBERED THRU ROUTES	STATE ROUTES	OTHER STATE ROUTES	OTHER ROADS
DUAL HIGHWAYS 4 LANES UNDIVIDED				
PAVED ROADS				
IMPROVED ROADS Gravel				
GRADED ROADS Drained and Maintained				
DIRT ROADS Unimproved				

Highway Markers

- UNITED STATES 28
- STATE 98
- 495
- MILEAGE BETWEEN TOWNS AND JUNCTIONS
- TOTAL MILEAGE BETWEEN DOTS
- 35

Mileages

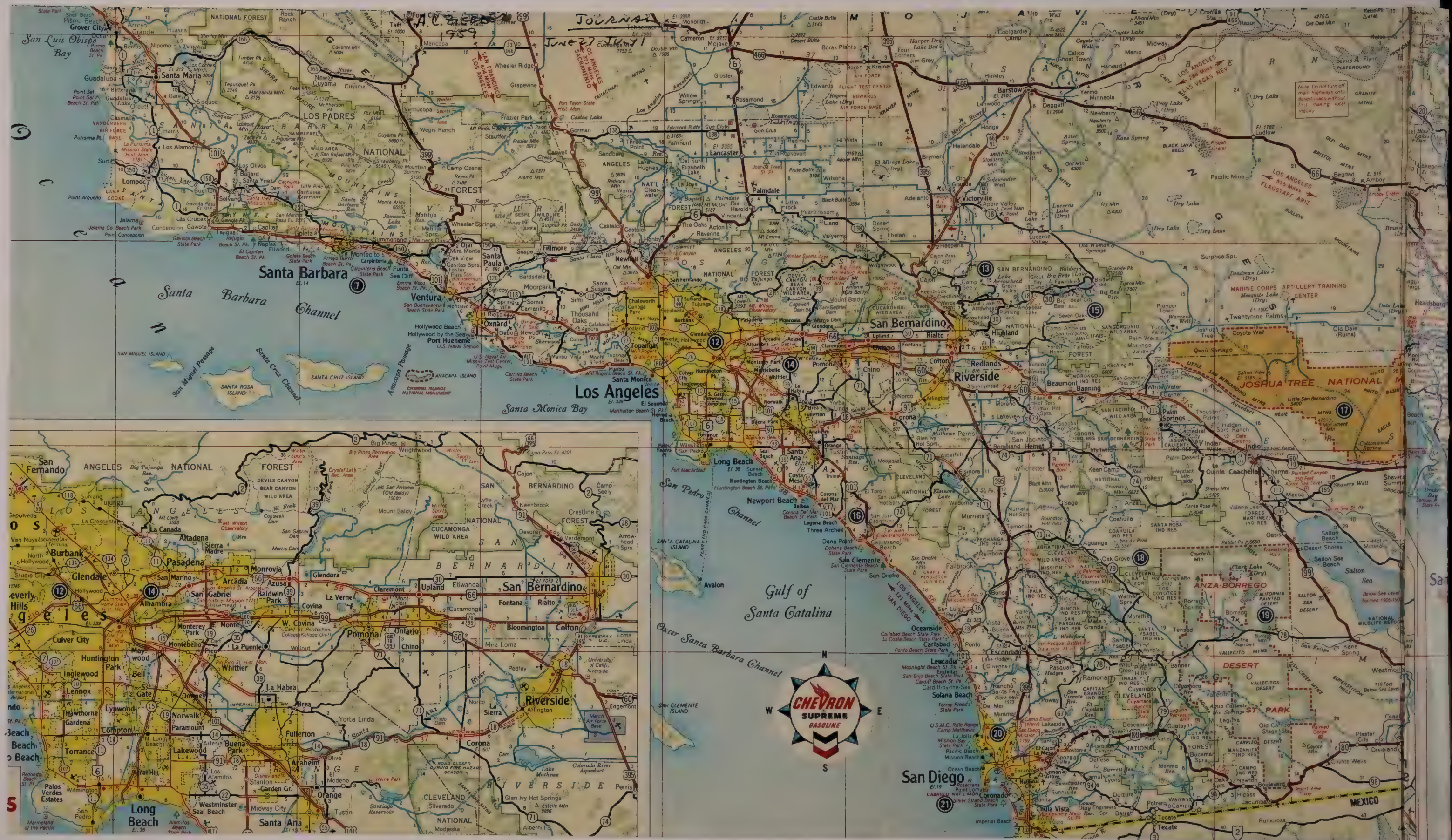
Map Symbols

- POINTS OF INTEREST
- FISH HATCHERIES
- AIRPORTS
- With Campsites
- Without Campsites
- TIME ZONE BOUNDARY
- ILLUSTRATED POINTS OF INTEREST

Mountain Passes

- Usually closed in Winter
- Usually open in Winter

MAXIMUM SPEED LAW - 55 MILES PER HOUR



Journal
JUNE 27 - JULY 1

[illegible]

AND GUNNERY RANGE

MAP KEY AND MILEAGE CHART

Showing Inter-City Distances

San Francisco

54

DUPLICATED AREA

THIS MAP

MAP KEY AND MILEAGE CHART

Showing Inter-City Distances

A.L. Ziegler
1959

JOURNAL

JUNE 27 - JULY 1



Del Norte Coast Redwoods State Park

Here U.S. Highway No. 101 leaves ocean cliffs and enters a deep fern-carpeted forest of coast redwoods. Some of the most rugged of these trees stand near the road.



Klamath River

The broad Klamath River, famed for steel-head fishing, is spanned near its mouth by the Douglas bridge. Along this stream are some of the finest stands of redwood trees.

Humboldt Coast

Precipitous cliffs, sleepy lagoons and deep redwood forests offer ever-changing vistas to the traveler along the Humboldt County coast. At several points are State parks



California Redwood State Parks

For 15 miles along U. S. Highway No. 101, several state parks preserve fine groves of coast redwoods. In Dyerville Flats is the Founders' Tree, one of the world's tallest

Mendocino Coast

Russian Gulch State Park, pictured here, includes but a small part of the rugged coast of Mendocino County, which is followed many miles by State Highway No. 1



Sonoma Mission

Last erected and most northerly in original chain of California missions. This and other historic buildings face the Sonoma Plaza where Bear Flag was raised, 1846

Muir Woods National Monument

A grove of stately coast redwoods, favorite haunt of nature lovers, hikers; dedicated to John Muir, great California naturalist. Trees up to 17 feet in diameter at base



Golden Gate Bridge

At San Francisco are world's two greatest bridges: "Bay Bridge" excels in over-all length and depth of piers; Golden Gate Bridge in span length and tower height

Mount Shasta

This extinct volcano, rising over 14,000 feet above sea level, is unrivalled in height within a radius of 300 miles. The surrounding area invites year-round recreation



Castle Craggs State Park

Among Northern California's scenic treats is the cluster of giant domes and spires towering above canyon of the Sacramento River. South of Dunsmuir, Highway No. 99



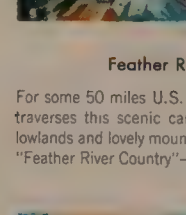
Lassen Volcanic National Park

Around Mt. Lassen, the most recently active volcano in the U. S., fresh mountain uplands contrast with boiling lakes and springs. Here see area devastated in 1915 eruption



Shasta Dam

Second largest dam in the world, 602 feet high, 3500 feet wide at crest; impounds Sacramento River for power, irrigation and flood control. Fine side-trip near Redding



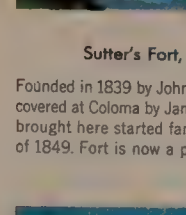
Feather River Canyon

For some 50 miles U.S. Alternate No. 40 traverses this scenic canyon, connecting lowlands and lovely mountain valleys of the "Feather River Country"—nimrod's heaven



Clear Lake

Largest freshwater lake entirely within the boundaries of California. The popular resort area, which also includes neighboring Blue Lakes, is famed for outdoor sports



Sutter's Fort, Sacramento

Founded in 1839 by John Sutter. Gold discovered at Coloma by James Marshall and brought here started famous Gold Rush of 1849. Fort is now a pioneer museum



Santa Cruz

Sunning below heavily timbered mountains, Santa Cruz invites relaxation on its popular beach, deep sea fishing in the ocean beyond and varied amusements along its boardwalk



Lava Beds National Monument

Nearly 100 square miles of lava beds, with winding caves containing never-melting ice a few feet below surface; stronghold of renegade Indians in Modoc War of 1872-73.



Burney Falls State Park

A spectacular double fall, 128 feet in height. Giant springs feed Burney Creek above it. Many smaller falls come from springs in face of cliff over which the creek plunges



Donner State Historical Monument

Near the eastern end of Donner Lake, this monument marks the location where the Donner party was snowbound during winter of 1846-47. Of 81 persons few survived



Lake Tahoe

Its surface 6225 feet above the sea, this is the largest body of water on the continent at such an elevation. Famed for its beauty and accessibility; locale of many resorts



Calaveras Big Trees State Park

Northernmost important grove of Sequoia Gigantea of the Sierra Nevada mountains. These magnificent trees have more massive trunks than their taller coast cousins



Columbia Historic State Park

One of best preserved "ghost towns" of Gold Rush. Its population once estimated at more than 30,000; in 1853 it lost only two votes of being California's cap.



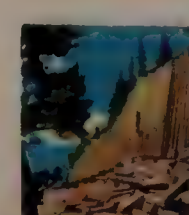
Yosemite National Park

Domes and spires soar thousands of feet above the floor of Yosemite Valley; some of world's highest waterfalls plunge over its cliffs; 1180 square miles in the park



Devils Postpile National Monument

Freaks among geological formations, these symmetrical shafts of basaltic rock have fallen from the face of a 60-foot lava cliff and lie piled like fence posts below



A.C. ZIEGLER
1959

JOURNAL

FREEMAN CANYON, 4700[±] FT., 1.8 MI. (BY ROAD) SE WALKER PASS, KERN CO., CALIF.

JUNE 28
(CONT.)



GENERAL VIEW OF NEARBY AREA BESIDE HIGHWAY.
WOODRAT NESTS WERE AT BASES OF THE
JOSHUA TREES. XANTHUSA FOUND UNDER OLD
TRUNKS ON GROUND SUCH AS THOSE IN LEFT
FOREGROUND. PHOTO BY DENNIS GANNOWAY, JUNE²⁷,
1959.

A.C. ZIEGLER
1959

Jouanville

1/2 mi. W Inyokern P.O., 2425[±] FT., Kern Co., California

JUNE 27
(CONT.)



TRAPPING AREA BEHIND OLD INYOKERN
AIRSTRIP. TRAPS SET AT THE SCATTERED
BUSHES. PHOTO BY DENNIS GARRONWAY, JUNE 27,
1959 LOOKING NE.

A.C. ZIEGLER
1959

JOURNAL

1/2 mi. W INYOKERN P.O., 2425⁺ FT., KERN CO., CALIF.

JUNE 28 Picked up traps & left for OWENS LAGOON
(CONT.) & VICINITY.
GOT: 5026 D. RO. MERRIAM
+ 2023 PEROGNATHUS (LONGIMEMBRIS INORNATUS)

DR. Q & DENNIS GOT SAME VARIETY ANTO. Q.
ALSO GOT ANOTHER ANTENNAE. GO. SA.

WHITNEY PERSIMMON GROVE, 8300⁺ FT., INYO CO., CALIF.

JUNE 29 SET 120215 MUS. SPEC'S FOR SOEYX ADULTUS
ALONG CREEK & 6 SMALL SHERMANS IN CAMP ^{LAST PM}
GOT 3 PEROM. MANICULATUS & 1 SOEYX ADULTUS
ALONG CREEK & GOT 3 P. MANICULATUS IN
CAMP. LEFT FOR KECKLER ABOUT 5 A.M.
GOOD CAMPED; WATER, LAWNES, FIREPLACES
& TABLES. SAW 3 LARGE BATS WHILE STILL LIGHT ^{LAST PM}

1/2 mi. NW KECKLER, 3600⁺ FT., INYO CO., CALIFORNIA.

JUNE 29 SET 15 SMALL SHERMANS & 3 RAT TRAPS
(CONT.) FOR D. RO. DESERT IN SANDY & BRUSHY AREA
ALONG RAILROAD TRACKS LAST EVENING. GOT
3 or 4 D. RO. MERRIAM. DR. QUAY GOT D. DESERT
IN LARGE SHERMANS. SAW UTA LAST PM BUT
LOST.

(BY ROAD)
1.2 mi. SSE KECKLER, 3600⁺ FT., INYO CO., CALIFORNIA

1 PHOTO TAKEN LOOKING W OVER TRAPPING AREA.

JUNE 29 SET 15 SMALL SHERMANS & 3 RAT TRAPS IN
(CONT.) VERY SANDY DUNE AREA ALONG HIGHWAY LAST PM.
GOT 1 D. DESERT IN RAT TRAP. SHERMANS KICKED
FULL OF SAND. DR. Q. GOT DESERT & MERRIAM.
DENNIS GOT MERRIAM & INORNATUS.

A.C. ZIEGLER
1959

JOURNAL

1.2 mi. (872200) SSE KEENER, 3600[±] FT. INYO CO., CALIFORNIA

JUNE 29
(contd)



WINDWARD (ABOVE) & LEE (BELOW) SIDES OF DUNES BESIDE HIGHWAY,
OWENS LAKE IN CALIFORNIA. PHOTOS BY DENNIS GANNOWAY TAKEN
JUNE 29, 1959 LOOKING APPROX. SW.

A.C. ZIEGLER
1959

JOURNAL

4.2 MI (BY ROAD) S STONEWALL PASS, 4200⁺ FT., NYE CO., NEVADA

JUNE 29 SET 15 SMALL SHERMANS + 3 RAT TRAPS ON DUSTY SANDY SOIL WITH THIN COVERING OF VOLCANIC GRAVEL. BUSHES 1 FT. HIGH ABOUT 10-15 FT APART OVER AREA. SAW CNEMIDOPHORUS + A SCELOPORUS-LIKE

JUNE 30 LIZARD. GOT 2 OR 3 PEROMYSCUS ~~LONG MEMBRIS~~ (?) + 5 DIPLO MESSIAE + DR. Q. GOT SAME STUFF + 2 LARGE DARK, Hairy-TAILED PEROMYSCUS ^{P. FORTRESS}. DENNIS GOT SAME PLUS A YG. ANTHROPS GR. SQ.

STONEWALL PASS, 4700⁺ FT., NYE CO., NEVADA

JUNE 29 SET 20 SMALL SHERMANS + 3 RAT TRAPS IN AREA WITH A FEW MORE BUSHES THAN AT 4.2 MI. S OF PASS LOCATION. GOT ^{ANTHROPS} GR. SQ. AT

JUNE 30 ^{NEXT AM.} GOT 4 PEROMYSCUS CRINITUS ~~CRINITUS~~ (ALL SAVED) + 2 DIPLO MICRAUS (1 WAS YG.) + 3 PEROMYSCUS LONG MEMBRIS?

^(BY ROAD)
4.2 MI. N STONEWALL PASS, 4600⁺ FT., NYE CO., NEVADA

JUNE 29 SET 30 MUS. SPEC + 3 RAT TRAPS IN AREA MUCH LIKE THAT AT STONEWALL PASS BUT PERHAPS A LITTLE MORE OPEN + GRAVELLY. LOCATION IS AT SIGN MARKING NYE - ESMERALDA CO. LINE. ON HIGHWAY 95.

JUNE 30 GOT ONLY A YG. ANTHROPS GR. SQ. + A TYPICAL PEROMYSCUS MANICULATUS. OTHERS GOT DIPLO MICRAUS + MESSIAE + A FEW PEROMYSCUS LONG MEMBRIS?

A.C. ZIEGLER
1959

Townson

STONEWALL PASS, 4700± FT., WYOMING CO., NEVADA

JUNE 29



CAMPING SPOT AT PASS. TRAPPING AREA
SIMILAR TO HABITAT BEHIND STATION WAGON.
VOLCANIC GRAVEL ON TOP OF VOLCANIC DIRT.
PHOTO BY DENNIS GANNOWAY, JUNE 29, 1959.

JOURNAL

A.C. ZIEGLER
1959

7 mi. S, 4 mi. E BOULDER, 6500 \pm FT. MONO CO. CALIFORNIA

JUNE
30
(DNT)



TRAPPING AREAS - MONO LAKE IN LEFT BACKGROUND IN TOP
PICTURE. PHOTOS BY A.C. ZIEGLER (TOP) & DENNIS GANNON (BOTTOM)
(BOTTOM) TAKEN JUNE 30 (TOP), 1959 & JULY 1 (BOTTOM) 1959.

A.C. ZIEGLER
1959

JOURNAL

7 mi. S, 4 mi. E BOONE, 6500 \pm ft., Mono Co., CALIFORNIA

JUNE 30
(cont.)



LOOKING SOUTH ACROSS MONO LAKE FROM
STATE HIGHWAY 31 NEAR OUR TRAPPING AREA.
THIS SPOT HAS MUCH MORE SAGE & OTHER
BUSHES THAN OUR TRAPPING AREA. TWO
CHIPMUNKS APPARENTLY INHABITED THE
BRUSH SINCE SEVERAL WERE SEEN RUNNING
ACROSS ROAD HERE BUT NOT IN MORE SANDY
AREAS. PHOTO BY DENNIS GANNON, JUNE
30, 1959

A.C. ZIEGLER
1959

JOURNAL

7 MI. S. 4 MI. E BOONE, 6500[±] FT., MONO CO., CALIFORNIA

JUNE 30
(CONT'D)

DROVE THRU DAY + ARRIVED AT Mono
LAKE ABOUT 5:00 PM. DROVE THRU LEAVING
NOW U.S. 395 AND CUT NE ON STATE (NEV.-CALIF.)
HIWAY 31. STOPPED 13.2 MI. (BY SPEEDOMETER) FROM
THE JCT. OF 395 + 31. (= THE LOCALITY ABOVE) AND SET 16 SMALL
SHERMANS + 3 RAT TRAPS IN SANDY AREA
WITH FOOT-HIGH BUSHES APPROX 5-10 FT APART.
PHOTO TAKEN LOOKING S OVER TRAPPING AREA.

JULY 1 GOT ONLY 5 PEROMYSCUS MANICULATUS IN
SHERMANS + A DIPLO MICROPS + A D. ~~LEUCOTRIS~~
IN RAT TRAPS. BUT DR. Q + DENNIS GOT
8 MICRODIPPOS. ALSO A FEW MORE DIPPOS +
PEROMYSCUS

FLAT BESIDE LEAVING CREEK, 7400[±] FT., ABOUT 2 MI. S, 2 MI. W
LEAVING MONO CO., CALIFORNIA

JUNE 30

SET 16 SMALL SHERMANS AND 3 RAT TRAPS
IN SANDY AREA WITH 1-2 FT. HIGH THICK, SCRUB
BUSHES ABOUT 5-8 FT. APART. SET TRAPS WELL
UNDER BUSHES IN HOPES OF GETTING LABRUS
A FISHERMAN HERE SAID TEMP. HAD BEEN 28[°]F
THE MORNING BEFORE.

JULY 1 GOT 4 OR 5 PEROMYSCUS MANICULATUS
AND 3 PEROMYSCUS ARVUS (1 WAS YOUNG)
DENNIS GOT PEROMYSCUS + DR. Q. GOT PEROMYSCUS
+ 2 EUTAMIAS IN HIS LARGE SHERMANS.

A.C. ZIEGLER
1959

JOURNAL

2 MI. SE LEEVING, 6700± FT., MONO CO., CALIF.

JUNE 30

DRIVE SEON 395 FROM LEEVING FOR 1.5 MI. THEN TURNED E ON A SMALL BLACK-TOP SIDE ROAD & STOPPED $\frac{1}{2}$ MI. AWAY FROM HIGHWAY JUST ON EDGE OF A BLUFF OVERLOOKING LAKE. MANY NIGHT HAWKS CANNING & DIVING. SEVERAL LARGE WHITE-STRIPED SCARABID BEETLES COLLECTED IN DARK. SET OUT 20-25 UNBAITED SNAP TRAPS IN DARK. DENNIS SET ABOUT 15 SMALL SHERMANS & DR. Q DID NOT TRAP.

JULY 1

GOT ONLY 6 OR 8 PEROMYSCUS MANICULATUS BUT DENNIS GOT A YG. MICROTUPA & A LARGE PEROMYSCUS. GROUND SANDY WITH 2-3 FT HIGH BUSHES 5 FT. APART. SYLVILABUS, EUTOMIAS & LEPUS SEEN ON ROADS IN ALL AREA WORKED AROUND MONO LAKE.

LEFT FOR BERKELEY BY WAY OF TIoga PASS (DR. Q. SAYS WORST ROAD OVER THE PASS) & ARRIVED BERKELEY 4:00 PM.

A.C. ZIEGLER
1959

Journal

PAID
JULY 7 48

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

PUT UP 23 REITHRODUS 6 MICROTUS + 1 MUS TAKEN BY
GEO. F. FISLER OF MUSE. SEE HIS FIELD NOTES
FOR MORE DETAILS. DATES OF COLLECTION WERE
JUNE 12 + 13, 1959, SAME'S TO MUSE.

S BANK MOUTH SAN RAFAEL CREEK (GRASS + SANICORNIA
W OF LEVEE), MARIN CO., CALIF.

AND S BANK MOUTH SAN RAFAEL CREEK (SALT MARSH
E OF LEVEE), MARIN CO., CALIF.

AND 1 MI. S. 1 MI. W MOUTH SAN RAFAEL CREEK (GRASS + SANICORNIA
W OF LEVEE) MARIN CO., CALIF.

JULY 8

PUT UP MICROTUS CALIF. FROM THESE 3 AREAS
TAKEN BY GEO. FISLER OF MUSE. (TOOK TOTAL OF 50[±] MICROTUS
300[±]) LOCALITIES SHOWN AND
MENTIONED ON USGS ROAD SAN QUINTIN, CALIF.
7¹/₂ MIN. SERIES, 1947. GEO. TOOK REITHRODUS ^{MICROTUS} ALSO
WHICH HE IS PREPARING + WILL TURN OVER TO
MUSE EVENTUALLY. SAID MICROTUS VERY COMMON
IN AREA. THE MARSH E OF LEVEE IS A TYPICAL
SANICORNIA SALT MARSH BUT W OF LEVEE THE
LAND IS DRY WITH SCATTERED GRASS + SANICORNIA.
SEE FISLER'S FIELD NOTES FOR MORE DETAILS.
IN 3 NIGHTS TRAPPING FISLER TOOK ^{REITHRO} MICROTUS
IN SALT MARSH + ABOUT ^{12[±]} W OF GRASS + SANICORNIA
WEST OF LEVEE — NO REITHRO. RAV. VENTRIS TAKEN
IN ANY OF THESE 3 LOCALITIES.

CENTRAL CALIFORNIA COAST, CALIFORNIA

JULY 15

EDWIN ROSENBLUM, ZOO STUD. AT U.C. WHO WORKS AND
AT GOLDEN GATE FISHING CO., RICHMOND DONATED CHUNK OF
BONE CONTAINING 8 PLATES. MUSE # 124428 FINBACK WHALE

A.C. ZIEGLER
1959

JOURNAL

CENTRAL CALIFORNIA COAST, CALIFORNIA.

JULY 16

VISITED GOLDEN GATE FISHING CO. AT 9:30 PM
& THEY HAD A 60[±] FT. FINBREL. & 6 FT. EMB.
SAVED AUDIOT BULLAE OF BOTH + SOME OTHER
PARTS FOR MUSE. A BLOCK AWAY THE DEL MONTE
FISHING CO. HAD JUST FINISHED A WHALE &
WERE GETTING IN 4 MORE FINBRELS STARTING
AT 2 AM JULY 17,

JULY 18
& 19

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO. CALIF.

PUT UP REITHRO MELODITIS & R. RAVIVENTRIS
TAKEN BY GEO F. FISHER OF MUSE IN COURSE OF
HIS THESIS WORK. SEE HIS NOTES FOR MORE
DATA ON HABITAT, TRAP LINES, ETC.

JULY 20

MANHATTAN MINES, 2000[±] FT., 1½ MI. NW KNOWLTON, MARA CO. CALIF.

PUT UP 1 MYOTIS & 2 CORYNORHINUS
TAKEN BY RICHARD E. GRAMM OF MUSE.
APPARENTLY THESE WERE ONLY BATS SEEN.
DICK ALSO TRAPPED PEROMY. NEUT & BOULEI?
& CITELLUS BEECHERII IN VICINITY OF MINES.
THERE ARE APPARENTLY 20-40 SHARPS OR
TUNNELS IN THIS IMMEDIATE AREA - ALL
KNOWN AS MANHATTAN MINES. NOT IN USE
NOW. SEE GRAMM'S NOTES FOR MORE DATA.
1 CORYNORHINUS WILL BE KEPT FOR PERSONAL
COLL. BUT MYOTIS & OTHER CORY. WILL BE ADDED
TO THE PEROMYSCUS ^{& CITELLUS} (GRAMM'S #'S) & ACQUIS FOR MUSE.

A.C. ZIEGLER
1959

JOURNAL

DEAR CREEK CAMP, 4 MI. N GRASSVILLE, HUMBOLDT CO., CALIF.
AT 10:15 AM

AUG 7

LEFT DEAR. WITH WIFE & KIDS & DROVE 232 MI.
TO ABOVE LOCAL. WHERE CAMPED O'NITE. 50¢ PER
PERSON. TABLES, WATER & STOVE AT EACH CAMP SITE
RIVER NEXT TO CAMP. GOOD CENTRAL RESTROOMS &
SHOWERS. SAW 6" EEL AND MANY FRY LARVAE IN
RIVER, ALSO YOUNG (3/4") TOADS & COLLECTED AN ADULT
BURRO & ONE TASCIA. SHOT AT BATS WHILE
STANDING IN RIVER & GOT ONE. ^{SMALL YOUTH.} MY POOR ARM
LOST 4 OR 5 MORE GOOD SHOTS - WONDERFUL
SPOT FOR SHOOTING & LOTS OF SMALLISH
BATS. SAW ONE VERY LARGE ONE BUT WAS OUT
OF RANGE. VERY HOT WEATHER. WAS 110° IN UK, AND.

POWELL FLAT, 5000 FT., 12 MI. NW HAPPY CAMP, SISKIYOU CO., CALIF.

AUG. 8

LEFT DEAR CREEK CAMP AT 10 AM & DROVE 245
MI. TO FLAT. ROAD POOR FROM WILLOW CREEK
AND THE WAY TO FLAT. ARRIVED AT FLAT
ABOUT 8: PM & SET UP CAMP. TOO LATE TO
TRAP. 3 FIRE FIGHTERS STATIONS IN FLAT &
OTHER AREAS IN ANTICIPATION OF LIGHTNING
FIRES. NO COWS SEEN IN FLAT THIS YEAR.
THEY WERE HERE DURING DE BENSON'S & MY VISIT
2 YEARS AGO. VERY HOT WEATHER IN AREA.

AUG. 9 FLOCK OF GOLDEN-CR. V. FINCHES IN CAMP, ALSO
SOME NUTHATCHES (RED-BR'D?) MADE GOOSE
& EVENING TRAP SETS & MOVED CAMP ACROSS
FLAT DURING P.M. SPENT NEXT DAY CLEANING CAMP
& SETTING UP TRAP LINE.



A.C. ZIEGLER
1959

JOURNAL

Poker Flat, 5000⁺ FT. 12 MI. NW HART, Cass Co. S. Dak. & S. Dak. Co.
Calif.

AUG 8 - 15

SEE ALSO: USGS TOPO PRESTON PEAK, 1922



U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

HAPPY CAMP DISTRICT

KLAMATH NATIONAL FOREST

CALIFORNIA REGION
1955

Scale
1 1/2 0 1 2 3 4 5 Miles

LEGEND

— National Forest Boundary	▲ District Ranger Station
— Adjacent National Forest Boundary	▲ Guard Station not permanently occupied
— Main Motor Road	▲ Permanent Lookout Station
— Good Motor Road	▲ Mine
— Poor Motor Road	— Transmission Line
--- Trail	— Railroad
▲ Improved Forest Camp	▲ Improved Picnic Area

REPORT FOREST FIRES TO NEAREST FOREST STATION,
PEACE OFFICER OR TELEPHONE OPERATOR.



Hecker
1907
JOURNAL
CO. R5E R6E
U.S. 199



C. Ziebler
1959

JOUANAN

POWELL FLAT, 5000± FT., 12 mi. NW HANCOY CAMP, Siskiyou Co., Calif.

AUG. 10.

RAN TRAP LINE SET FOR Sorex americanus
& Sorex sacificus — (25 TRAPS SPILT INTO TWO
LINES). GOT ONLY 2 A. MANICULATUS. SAW
BATS AROUND CAMP IN P.M. MANY DEER
IN CAMP AT NITE — KAYE ALSO SAW WHAT
WAS PROBABLY A COON. AN OLD TIMER WE
THANKED ~~TOE~~ SAID HE USED TO HUNT ~~THE~~
PINE MASTEN HERE IN WINTER. NO STOCK
IS BEING GRAZED IN HERE AT PRESENT.
NITES COOL & DAYS WARM BUT A CHILLY BREEZE
IS USUALLY UP. TOOK 7 TARICHA FROM
POOLS IN FLAT — WATER NOT RUNNING MUCH.
TARICHA FAIRLY COMMON IN POOLS. TOOK
ONLY 1 EUTIMIA IN LINE DURING DAY.
SHOT 2 COTERICUS AT DUSK. HAVE SEEN
SMALLER BATS BUT HAVEN'T GOT THEM YET.
ONLY 2 DEER SEEN IN CAMP THIS P.M.
FOUND WHAT WAS PROBABLY BEAR SCAT
BEHIND CAMP — NOT OVER A WEEK OR SO OLD
— HAD MANY FIR NEEDLES IN IT. KAYE
HEARD WHAT SHE THOT MIGHT HAVE BEEN
A COYOTE CALLING ACROSS FLAT ABOUT
MIDNIGHT. I HEARD A VERY LOUD SERIES
OF "SPACED" COUGHS" HIGH ON THE RIDGE
BACK OF CAMP AT DUSK, SOLITARE SEEN
FEEDING ON BERRIES OF BUSH NEAR CAMP.
A FEW ROBINS ARE ABOUT & ALSO FLOCK OF JUNCOS

A.C. ZIEGLER
1959

JOURNAL

POLDER FLAT, 5000[±] FT., 12 MI. NW HAPPY CAMP, S. CALIF., CALIF.

AUG. 12

Got only a Perom. maniculatus in live
last nite. Took AN ^{ADULT} THOMOMYS & CAUGHT A
YG. BY HAND THIS AM. CLOUDY COOL DAY
CLEARING AT NOON. AM STILL LOOKING FOR
SALAMANDERS IN THE SWIFT STREAM BUT NO
LUCK. WORKED SEVERAL STREAMS BELOW CAMP &
BUT ABOUT 15 ADULT ASCAPHUS WHICH I WILL TRY
TO KEEP ALIVE BACK TO BERKELEY. ALSO WILL
KEEP A HALF-DOZEN OR SO TAD'S & ~~THE~~ MOTTLED
PHASING YG. ALIVE. NOW HAVE THEM IN CLOTH
SACK TIED UNDER WATER IN VERY COLD SWIFT
STREAM. MOVED A FEW OF YEARS IN FLAT
TO NEW SPOTS SINCE HAVING SO LITTLE LUCK.
COLLECTED 50[±] TADPOLES (NOT ASCAPHUS) IN
SMALL STAGNANT POOL IN FLAT. SEEMED TO
BE OF TWO TYPES — A LARGE MOTTLED GREY-
GREENISH KIND AT ONE END OF 10' LONG POOL
AND A SMALLER DEEP BLACK KIND SCATTERED
ALL OVER POOL BUT CONCENTRATED AT OPPOSITE
END FROM THE LARGER KIND. ALSO SAVED SOME
TINY CLAMS & "SAND-FLY" LIKE ANIMALS TAKEN
ALONG WITH THE TADPOLES. STILL NO SIGN OF
ANY OTHER ADULT FROGS & NO SNAKES. HEARD
PILEATED W'ACKERS 2 OR 3 PLACES TODAY.

WENT OUT FOR BATS AT DUSK BUT FLIGHT WAS SLOW
SAW 3 LARGE ONES ABOUT 8:45 PM OUT OF RANGE
& 2 SMALL ONES FLYING TOGETHER. DIDN'T GET A SHOT.

A. C. ZIEGLER
1959

JOURNAL

POKER FLAT, 5000⁺ FT., 12 MI. NW HARDY CAMP, S. SUTTER CO., CALIF.

AUG. 13 LIGHT FROST ON FLAT THIS AM. GOT ONLY A PEROM. MANICULATUS & AN IMM. PEROM (MAYBE NOT MANICULATUS) IN LIVE. A FEW DEER AROUND CAMP LAST NITE. SHOT 3 EUTAMIAS AHEAD OF CAMP ABOUT NOON TODAY. SQUEAKED BIRDS & DREW 6 NUTHATCHES, CHICKADEES, JUNCOS & 2 VIREOS (?) (WHITE EYE RING, OLIVE BACK & YELLOW BREAST). CAUGHT 2 THOMOMYS IN AM. COLLECTED WATER BEETLES IN POND IN FLAT - MANY BACK-SWIMMERS & SEVERAL ODONATA LARVAE SEEN. MANY GRASSHOPPERS IN FLAT - CAUGHT A DOZEN & KILLED THEM - WITH PIN TO YEAS TO TRY TO GET SHARPS TO NITE. WILL MOVE RAT YEAS TO NEW LOCATIONS TO TRY FOR FLYING SQ'S AGAIN TONIGHT. ADDED A LEE OF EUTAMIAS TO ^{THE ORIGIN FRUIT ON} EACH OF THE 5 RAT YEAS & THE TWO SCHUYLERS, GOT 2 GOOD SHOTS AT BATS AT DUSK BUT MISSED BOTH. SAW ONLY 3 OTHERS.

AUG. 14 3 ADULT & 2 YG. P. MANICULATUS IN YEAS LINE - ONLY ONE ON THE GRASSHOPPER BAIT. COLLECTED A LARGE ASILID-LIKE FLY ATTENDING A LONG-HORNED BEETLE THIS AM. HEARD WHAT MIGHT HAVE BEEN A CHICKADEE AT 11:AM. BUT NEVER SAW IT. MOVED LINE OF YEAS ALONG STREAM UP INTO WOODS IN PM. TRAPS IN FLAT MOVED TO NEW LOCATIONS NEARBY STILL IN SHRUBS IN WETTER PARTS OF FLAT.

A.C. ZIEGLER
1959

JOURNAL

POKER FLAT, 5000⁺ FT., 12 MI. NW HARRY CAMP, SISKIYOU CO. CALIF.

AUG. 14
(CONT'D)

HEARD THE LOUD "COOING" AGAIN LAST NIGHT AWAY ACROSS AT THE W END OF FLAT. FEW DOGS AROUND LAST NIGHT. SAW HALF-DOZ. QUAIL IN HOLLOW ALONG STREAM BED AT CAMP YESTERDAY & THIS AM. COULD NOT TELL SPECIES THO. MET OWNER OF FLAT TODAY - W.G.

BRUNSFELD OF PASADENA CALIF. (SEE CARD)
SHOT ~~SEVERAL MICE~~ IN AM & MISSED ANOTHER

Phone: SY 4-1292

TRIPLE-SEALED
ASPHALT ROOFING

CELOTEX
MADE IN U.S.A.

W. G. Brunfeld Roofing Co.

1971 No. Fair Oaks Street
Pasadena, Calif.

W. G. BRUNSFELD

CAUGHT ADULT THOMOMYS IN AM. SHOT AT BATS

AT DUSK BUT MISSED SEVERAL GOOD SHOTS. TOOK QUAIL IN MOUSE TRAP IN MEADOW.

AUG 15 TOOK ONLY 2 OR 3 PEROM. MANICULATUS

IN TRAPS. PACKED & LEFT AT 9.45 AM.

DRIVE 225 MI. TO BURNET. ^{VIA HIGHWAY 299 & 299} SAW LITELMUS

LATERALIS WITHIN A MILE OF FLAT DRIVING

OUT IN ROCKY, OPEN WOODS BUT HAD SEEN

NONE IN FLAT. SAW S. DOUGLASSI & MANY

C. BESEMERI ON DRIVE. BESMERI HAD

WHITE & BLACK BACK MARKS. CAMPED AT

5 PM AT SMALL CAMP GROUND WITHIN $\frac{1}{2}$

MI. OF SITE OF OLD CARBERRY RANCH & ABOUT

2 MILES OR SO WEST OF HATCHET SUMMIT

ON HIGHWAY 299. NO TRAPS SET THIS MORN.

A.C. ZIEGLER
1959

JOURNAL

HATCHET CREEK CAMPGROUND, 3550[±] FT., 10 MI. W BUENY, SHASTA CO., CALIF.

AUG. 16

SURVEYORS TAP ON TREE NEAR CAMP SAYS
T 35 N, R 1 E 9 CHAINS EAST TO ^{CENTER OF} SEC. 22.

Hiked along logging roads & highway near camp
in AM

Got a Coluber(?) & a Gerrhonotus. Saw
a few Sciurus douglasii & 1 or 2 chipmunks
Heard Pileatus near camp, also flickers,
downy, juncos & Red-br'd Nuthatches.

No decent places to trap - too many lies
& fishermen around camp & stream.

AUG. 17

Packed & left at 9 AM for Butt
Creek via Lassen Nat'l Park. Hit much
construction work on way. Arrived at
Butt Creek about 3:15 PM.

Butt Creek, 4300[±] FT., 8 MI. S Chester, Plumas Co., Calif.

AUG. 17

Collected small fauna while setting
out traps along stream & in marshy spots.
Saw & lost 2 more. Good bat flight at dusk
but many staying very high. Shot 1 small
Myotis in dark. Set gopher & rat traps
at 10 PM.

AUG. 18

Got 3 Sorex, 4 Microtus, 3 Peromyscus
maniculatus in traps. In AM got 5
Citellus lateralis in rat traps. They are
very common here. At one o'clock had
a song sparrow, a C. lateralis & a
Microtus in mouse traps. Thomomys at 3:30 PM.

A. C. ZIEGLER
1959

JOURNAL

AUG. 17-20

BUTT CREEK 4300 FT. 8 MI. S CHESTER, PLUMAS
COUNTY

See Also: USGS TOPO LABSEN PEAK, CALIF., 1894

A.C. Records
1959
Sunk lower
Flat

Joan

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

ALMANOR DISTRICT LASSEN NATIONAL FOREST

CALIFORNIA REGION

1952

Scale

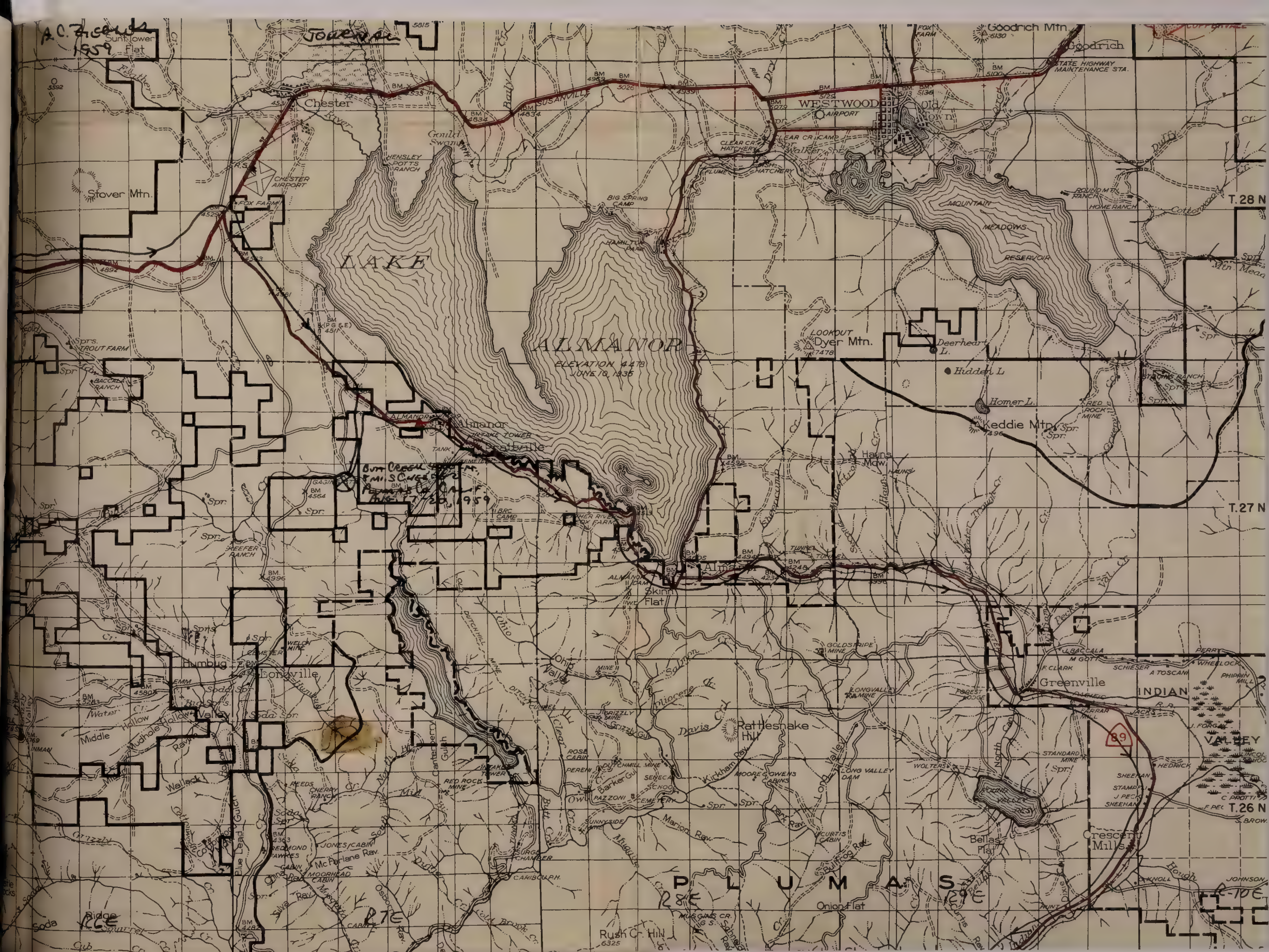


LEGEND

- National Forest Boundary
- Adjacent National Forest Boundary
- Main Motor Road
- Good Motor Road
- Poor Motor Road
- Trail
- Improved Forest Camp
- District Ranger Station
- Guard Station not permanently occupied
- Permanent Lookout Station
- Mine
- Transmission Line
- Railroad
- Winter Sports Area



A.C. Ziegler
1959
Flat



A. C. ZIEGLER
1959

JOURNAL

BUTT CREEK, 4300⁺ FT. 8 mi. S CHESTER, PLUMAS CO. CALIF.

AUG. 18
(CONT'D)

COUNT 2 OR 3 MORE C. LATERALIS DURING P.M. 3 BOYS ABOUT 11 OR 12 YEARS OLD HAVE BEEN BRANDING IN RAV & HYLA THRU THE DAY - ALSO A THOMOMYS - THEY REQUESTED THE HELPS BE GIVEN TO MUSE IN THEIR NAMES:

DENNIS & GARY BOATSMAN, OF 5845 ELMO DRIVE, NORTH HIGHLANDS, CALIFORNIA (NEAR ~~BERKELEY~~ ^{HEA})

AND

RICHARD L. COCHRAN, OF #6 CONDO VIA, DENVILLE, CALIFORNIA. (NEAR WALNUT CREEK)

SHOT AT BATS AT DUSK - HAD ONE GOOD HIGH SHOT & A POORER LOWER ONE BUT MISSED BOTH.

FAIRLY CHILLY THIS EVENING & CLOUDING UP.

BATS FLYING AT ABOUT 8:30 P.M. SAW 4 AT ONCE OFF IN DISTANCE. ALL EXCEPT 2 BATS UP AT ALMOST TREE-TOP HEIGHTS. DEER PASSED THRU CAMP AT 10:30 P.M. MANY FRESH DRIPPINGS ABOUT CAMP.

AUG. 19

HAD ONLY 2 OR 3 P. MANICULATUS, A MICROTUS & A EUTAMIAS ^{SPECIOSUS} IN TRAPS. FOUND CITELLUS ^{BEARDY} ~~TO~~ IN MEADOW 50 YDS FROM CAMP. SHOT ONE & TRAPPED ANOTHER. WALKED DOWN LOGGING ROAD & SHOT 2 SCURRES DOUGLASSI, 1 EUTAMIAS ^{TOWNSENDI} & A ♂ C. LATERALIS. HEARD P. LEATERS. SAW EUTAMIAS SP. 40 FT. UP IN AINE. BOYS BROT IN MORE FROGS. HAD NO TIME TO SHOOT BATS IN P.M. SCARED UP DEER ALONG LOGGING ROAD.

A.C. ZIEGLER
1959

JOURNAL

BUTT CREEK, 4300[±] FT., 8 MI. S CHESTER, PLUMAS CO., CALIF.

AUG. 20 HAD RAIN AT 6 AM - STOPPED AT 7 AM -
GOT ONLY A P. MANICULATUS + A C. LATISSIMUS
IN WEEDS. PICKED UP WEEDS, DRIED OUT GEAR
+ WENT FOR HOME AT 11:30 AM. ARRIVED ABOUT
7 PM.

7 MI. S. 4 MI. E BOSE, 6500[±] FT., MONO CO., CALIFORNIA

AUG. 24 PUT UP 3 M. CALIF. ROSSII TAKEN BY
DR. W.B. QUAY OF U.C. ZOO. DEPT. DIED, VENTRAL
ANIMALS SLIPPING SLIGHTLY. - NO FAT.

OFF FASANON ISLANDS, SAN FRANCISCO CO., CALIFORNIA.

AUG. 28 PREP'D FOR MUSE A 3[±] FT. EMBRYO +
ALSO A BLOCK OF 10 BALEEN PLATES WHICH
WERE OBTAINED BY EDWIN E. ROSENBLUM AT
GOLDEN GATE FISHING CO. IN RICHMOND. SEE SPECIES
ACCOUNT OF BALAEONOTUS BOGARTI.

SEPT 4 ED BROT IN PARTS OF AN 11 FT MERRISTIA
NOVANGULAE OF EMBRYO. BOTH STRIPS OF BALEEN,
BOTH PELVIC BONES, A TESTIS (TO DR. HOICKER) +
THE ENTIRE LEFT FORELIMB. MOTHER WAS 42'
T.L. WIDE PARTS OF BALEEN STRIPS ARE TOWARDS
REAR OF MOUTH. ED SAID THE YOUNG ARE
BORN AT ABOUT 14 FT. SO THIS IS A
FAIRLY LARGE ONE. WILL SEE IF WARREN
CAN PREPARE THE FLIPPER, ARM BONES +
SCAPULA AS AN ARTICULATED UNIT.

A.C. ZIEGLER
1959

JOURNAL

Sovora Pass, 9625[±] ft., Tuolumne Co., Calif.

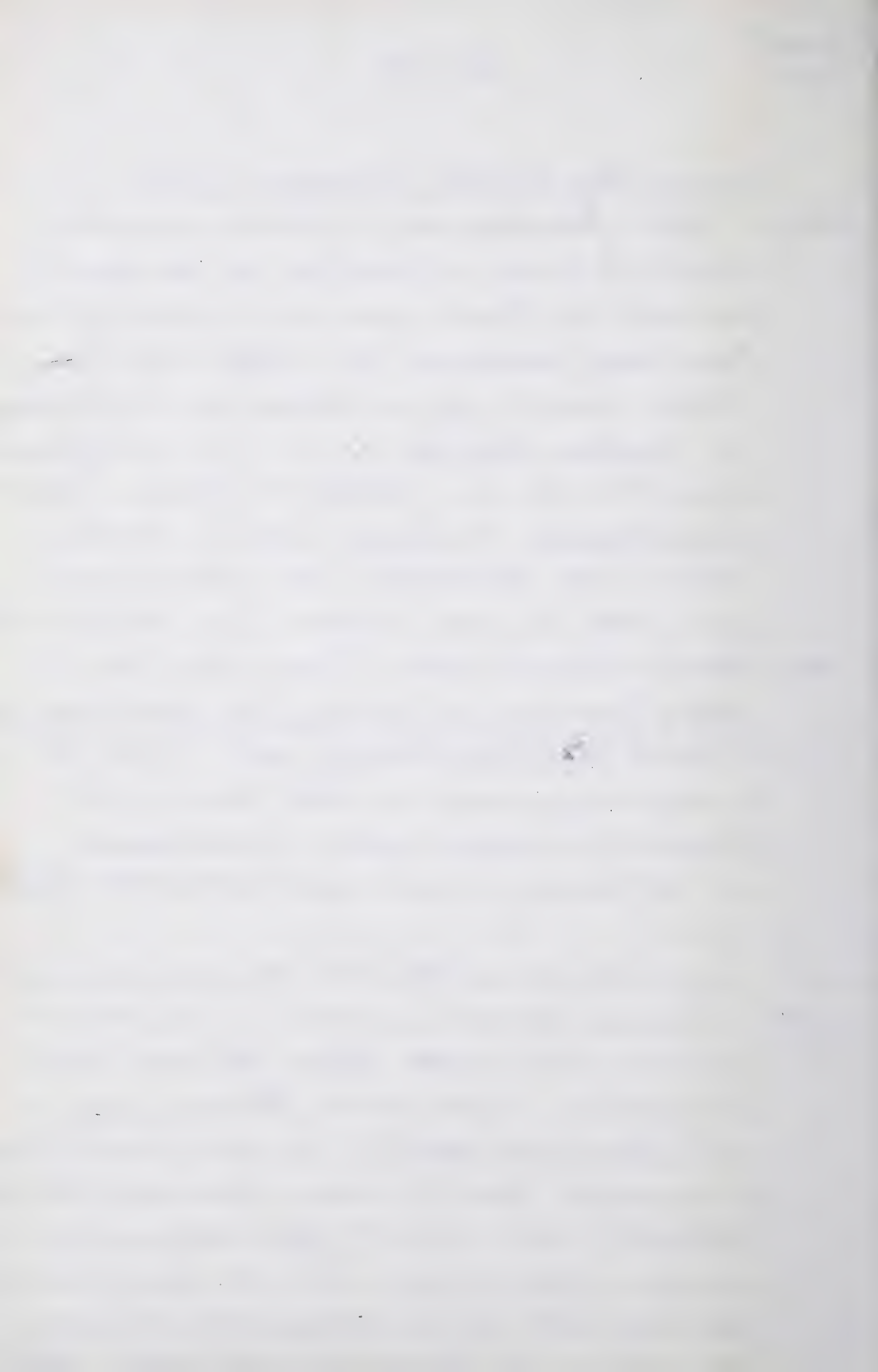
SEPT. 10 LEFT BORDERS AT 6:30 AM WITH DR. &
MRS. W.B. QUINN & JOHN PUN OF ZOO DEPT., UC.
& DROVE TO PASS ARRIVING ABOUT 1:15 PM.
SAW FEW ANIMALS IN REVERED PASS.
THESE SAW CITELLUS BELOIRI (4), C. LATERALIS
(4), SCIURUS ODOREI (3) & SEV. EUTAMIAS.
SAW OLD & YG DOGS ON PASS, CHICKS,
NUTCRACKERS & TUNCOS FAIRLY COMMON
HERE. SHOT ANIMALS AT PASS & SET
OUT RAT & LIVE TRAPS. IN AM OF 11TH

SEPT. 11 RAN & PICKED UP TRAPS. QUINN & PUN HAD 50
LARGE SHERMANS OUT & GOT 5 OR MORE EUTAMIAS
ALSO 4 M. LONGICAUDUS ALONG STREAM ON S. SIDE OF PASS.
& SOME PEROMYSCUS MANICULATUS. I GOT A
CITELLUS LATERALIS IN RAT TRAPS & 6[±]
PEROMYSCUS MANICULATUS & A EUTAMIAS
IN 25 SMALL SHERMANS. COMMONEST TREE: LOGSKRUB
PINE.

1/2 MI. NW SOVORA PASS, 9400[±] FT., TUOLUMNE CO., CALIF.

SEPT.
10 & 11

CAMPED BESIDE MEADOW - UNIMPROVED
COMPOUNDS HERE. RAN 80[±] MUS SPECIES
IN MEADOW & GOT MANY MANICULATUS &
A MICROTUS MONTANUS(?) - A DOZ. TRAPS SPRUNG
& DROPPED. HAD 9 SMALL SHERMANS BESIDE
STREAM & GOT A YG. MICROTUS LONGICAUDUS(?)
& SOME MANICULATUS. IN 50 SMALL SHERMANS
DR. QUINN GOT SOME MANICULATUS, A SONOR
OBSCURUS & 4 MICROTUS LONGICAUDUS. THE





ROAD MAP OF CALIFORNIA

Prepared for
STANDARD OIL COMPANY OF CALIFORNIA

SCALE OF MILES - ONE INCH EQUALS APPROXIMATELY 21 MILES

Populations of Cities and Towns

- State Capital
- Communities
- Under 250
- 250 to 1,000
- 1,000 to 2,500
- 2,500 to 5,000
- 5,000 to 10,000
- 10,000 to 25,000
- 25,000 to 50,000
- 50,000 to 100,000
- 100,000 and over

Population symbols shown as, or enclosed by, indicate County Seats.

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LITHOGRAPHED IN U.S.A.

Highway Markers

UNITED STATES 28 STATE 98 495
Mileage 3 1 4 TOTAL MILEAGE BETWEEN DOTS 35
Map Symbols

- POINTS OF INTEREST
- FISH HATCHERIES
- AIRPORTS
- STATE PARKS
- TIME ZONE BOUNDARY
- ILLUSTRATED POINTS OF INTEREST

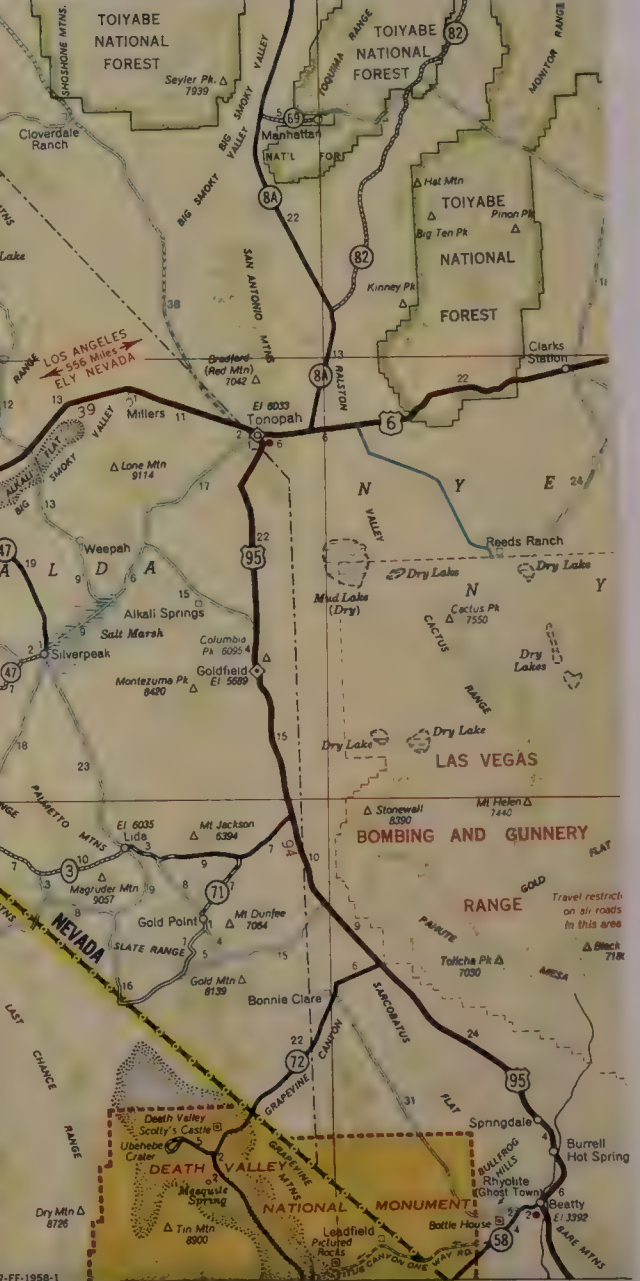
MAXIMUM SPEED LAW - 55 MILES PER HOUR

Road Classifications

	NUMBERED THRU ROUTES U.S.	OTHER STATE ROUTES	OTHER ROADS
DUAL HIGHWAYS			
PAVED ROADS			
IMPROVED ROADS Gravel			
GRADED ROADS Drained and Maintained			
DIRT ROADS Unimproved			

Mountain Passes

Usually closed in Winter Usually open in Winter



San Bernardino 6,000 ft
Mojave 6,000 ft
Sep 12, 1957





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1/2 mi. NW Sonora Pass, 9400⁺ ft., Dolan Co., Calif.

SEPT. 11
(cont'd)

LONGICOROUS SCOMB TO STICK TO THE 3-4 FT.
-HIGH WILLOWS BESIDE THE MEADOW. MRS QUINN
& JOHN RYN HIKED UP TO A CAVE ^{ABOUT 2 MILES} NE(?) OF
PASS & FOUND A DESICATED CARCASS OF
NEOTOMA CINEBA. PAVED & LEFT AT ABOUT
9:30 AM FOR MONO LAKE. 1 PHOTO TAKEN AT
PASS LOOKING S. BIRDS IN AREA: RED-T'D HAWK (1),
"BUTEO" (1), THRUSH (1), JUNCOS (100⁺), CHICKADEE (5),
CHICKADEE (?) (2), AVOUCARS (?) WASBLER (5)
WH. BR'D NUTCRACKER (1). BLUEBIRDS (SA.?), (4).

8 mi. S, 7 mi. E Bodie, 6500⁺ ft., Mono Co., California, a

SEPT. 11

ARRIVED AT ^{MONO} LAKE AT 1:30 PM & SET
OUT 34 SMALL SHERMANS & 4 RAT TRAPS
IN AREA ALONG HIGHWAY TO HAWTHORNE.
(SEE DESCIP. ^{OF GENERAL AREA} ^{JUNE 30} JULY 1, 1959 THIS JOURNAL)
ALSO SET OUT 22 MUS SPEC'S. 8 mi. S, 7 mi. E
BODIE IN SAME TYPE AREA EXCEPT WITH A
FEW JUNIPERS SCATTERED ABOUT. FOUND A
TEXEBRONIA BEETLE IN CAR. (AT BRIDGEPORT
FOUND A SMALL BROWN BEETLE IN CAR)
COMED ~~BE~~ A SIDEROAD 1.3 mi. BY ROAD E FOLE LINE
SUMMIT, MINERAL CO., NEV. HEARD "H-HOOTER"
OWL AT NITE.

SEPT. 12 RAN TRAPS ABOUT 7:30 AM - IN SHER'S I GOT
5 MICROTARPO, 2 EUTOMIAS & 10⁺ P. MANICULATUS
5 MICROTARPO GIVEN ALIVE TO DR. QUINN. RAT TRAPS EMPTY

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0.1 mi. S, 7 mi. E Bodie, 6500[±] ft., Mono Co., Calif.

SEPT. 12 Ran snare traps & got 5 M. CALIF., 1 D. NO. ORIGINIS & 8-9 P. MANICULATUS. Quays & Pen got 2 sps of D. NO., M. CALIF., NEOTOMA & P. MANICULATUS. Vegetation: ARTEMESIA CHRYSTAGMOS &, in spots, JUNIPER.
Left for home about 10:30 am via ~~East~~ Pass & arrived Berkeley about 6 PM.

1.0 mi. N, 2.0 mi. E Mammoth (not mass), (Carmichael, Calif.)
+ OTHER LOCALITIES

SEPT. 15 (THRU 17) Put up mammal skulls of Geo. F. Fisher during latter part of summer & frozen. All had thawed due to blown fuse & had been refrozen so many times & had to be saved as skulls only. Animals involved are all # 1678 - 1718. And were collected Aug. 19 thru 30.

Off Farallon Islands, San Francisco Co., Calif.

SEPT. 10 Ed Rosen blum ~~shot~~ in ramus of Sperm Whale donated by Robert Casbeer, ^{owner} at Golden Gate Fishing Co, Point Morano, ~~Richmond~~ Calif. See Species Account Physeter catodon ♂, tot. len = 39'. All teeth present. Accn 9721, MUSE # 125186

SEPT. 17 Mr. Dale Rice of Fish & Wildlife Service, on duty at wharves in Richmond called SEPT. 18 & said that Mr. Robert Casbeer, half owner of Golden Gate Fishing Co. had

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OFF FARALLON ISLANDS, SAN FRANCISCO CO. CALIF.

SEPT. 17
(CONT)

SAVED THE SKULL OF A 37 FT. ♂ BERGALUS
BAROI FOR MUSE. BILL MANER, WARD RUSSELL &
I WENT OUT + ~~LOOKED AT~~ ^{LOOKED AT} SKULL. WE TALKED
TO MR. ~~REYNALDO~~ RICCHI (^{NAME} ~~correct?~~?) OWNER
OF INDEPENDENT RENDERING CO. (DOWN THE BLOCK
FROM GOLDEN GATE FISHING CO.) & HE OFFERED
TO BOIL OUT SKULL FOR US. DR. BENSON

ARRANGED FOR BORROWING A LARGE TANK
FROM U.C. ENGINEERING FIELD STA. & ALONG
WITH BILL MANER WE PICKED UP TANK
SEPT. 19. TOOK SKULL & TANK TO RENDERING
PLANT & RAN STEAM LINE INTO IT. SKULL
BOILED FROM ABOUT 11:00 AM SAT. 'TIL ABOUT
7:00 AM SAT. COOLED ALL DAY SUNDAY, THEN
BOILED ABOUT 12 HOURS MONDAY. LOWER
JAWS COULD BE REMOVED FREE OF MEAT
MONDAY MORNING & REST OF MEAT WAS
MOSTLY FREE TUES. MORNING. WARD & I
THEN COLLECTED TEETH & CARBONES
& HAWKED CLEANED SKULL TO ENG. FIELD
STA. (GOT LOAN OF SMALL FORD W/FT
FROM MR. CHUCK CANTO OF DEL MONTE FISHING
CO., NEXT DOOR TO RENDERER). AT FIELD STA.
PEOPLE OFFERED USE OF A LARGE "DEAD"
SEPTIC TANK FOR FURTHER CLEANING (BY
MACERATION, IT IS HOPED) OF SKULL. SKULL
SUSPENDED IN WATER CONTAINING "DIATOMS

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NOTE : (TO BE ADDED TO SEPT. 17, 1959
JOURNAL ACCOUNT.)

EXTENT OF WHALING SEASON IN
CENTRAL CALIFORNIA - OBTAINED FROM
SECRETARY AT GOLDEN GATE FISHING CO.
JUNE 29, 1960.

FOR THE PAST FEW YEARS THE WHALING
SEASON HERE HAS BEEN FROM APRIL
1ST TO NOVEMBER 30TH BUT THE BEGINNING
AND END MONTHS (APR. + NOV.) WERE
RESERVED FOR TAKING ONLY SPERM. THE
WHALERS USUALLY DID NOT WORK THESE
MONTHS SINCE PROCESSING SPERM ADOLPH
WAS MORE TROUBLE THAN IT WAS WORTH,
APPARENTLY

THIS YEAR, HOWEVER, THE SEASON
BEGAN 15 DAYS EARLIER (I.E. MARCH 16TH TO
NOV. 15) + THE PEOPLE STARTED HUNTING
APRIL 16 (MISSING THE SPERM MONTH AS
USUAL)

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OFF FARRANOW ISLANDS, SAN FRANCISCO CO., CALIF.

SEPT. 17
(CONT.)

+ POTTERS" according to SAN. DIST. ENG'S
AT STATION. LOWER JAWS STILL GREASY
+ WILL HANG THEM IN TANK WITH SKULL
AT LATER DATE. Skull is ACZ # 1721,
ACZ 9729. PHONE # of GOLDEN GATE FISHING
CO. IS BE 3-1009. DAVE^{W.} RICE'S # AT
JEL MONTE # IS BE 3-2000
DOW HOTEL IN RICHMOND IS BE 2-4681
EXT. 309. RICE IS STATIONED IN SEATTLE,
WASH. + WILL RETURN THESE AT END
OF SEASON OCT. 31, 1959. SEE SPECIES ACCT
FOR MORE INFO + NOTES + DRAWINGS OF RICE.
DAVE RICE'S MAIN HOME ADDRESS: (OTHER THAN IN
WHALING SEASON) BIOLOGIST, U.S. FISH & WILDLIFE
SERVICE, SAND POINT NAVAL AIR STATION,
Bldg. 192, SEATTLE 15, WASH.

18.0 MI. (BY ROAD) S FARRANOW, CHURCHILL CO., NEVADA

20.2 MI.

OCT. 11

POT UP MICROTODONTIDS + DINOS TAKEN BY
DENNIS GALLOWAY OF ZOO DEPT., V.C. ON RECENT
TRIP. THESE ANIMALS MOSTLY DEAD IN LIVE
TRAPS. SOME BROT. IN OUTDO. LOCALITY WAS
MEASURED BY DENNIS ON SPEEDOMETER FROM "THE
JCT OF 50 + 95 (HWAYS)". THIS GAVE READINGS
OF "17.5 MI. S JUNCTION, ... " AND "19.7 MI. ..."
HWAY MAPS SHOW JCT. ACTUALLY IN TOWN
OF FARRANOW BUT DENNIS SAYS JCT WAS SAK

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1959

Townsend

18.0 mi. (by road).. AND 20.2 mi. S Fallon, Churchill Co. Nev.
Oct. 11 (cont'd) TOWN AN UNKNOWN DISTANCE - PERHAPS
LESS THAN A MILE. I HAVE, THEN, ASSUMED
THE JCT TO BE .5 MI. S of Fallon
& GIVEN THE LOCALITIES IN THE CATALOG
AS "...MI. (BY ROAD) S Fallon". DENNIS SAID
HABITAT AROUND TEASDING AREA WAS
QUITE UNIFORM - MAYBE HIS FIELD NOTES
GIVE MORE HABITAT DATA.

GREYHOGS WOLF REEF BUTTE CO. CALIFORNIA

Dec 5 LEFT BERN. ABOUT 9:00 AM WITH 6 OTHER
MEMBERS OF DR. MILLER'S BIRD CLASS (ZOO 136)
AND ARRIVED AT GREYHOGS ABOUT 2:00 PM
GOING BY WAY OF DAVIS & YUBA CITY.
EN ROUTE SAW: (MOSTLY BTW. DAVIS & GREYHOGS)
TURKEY VULTURES - 2 AM. GOLDFINCH - 3
W-TAILED KITE - 2 (SCREENED FROM OUR VIEW)
FER. ROUGH-L. HAWK - 1 (imm) WY-TAIL'S SPAR. - 15
RED-TAILED - 8⁺ ACORN W'FEED. - 2
SPARROW HAWK - 4 CROW - 20⁺
KILLDEER - 6
FLICKER - 2
YEL-BILL MAREK - 4
MOURNING DOVE - 4
STARLING - 100⁺ (IN 2 OR 3 FLOCKS)
REDWINGS OR BREWERS B'IRDS - 2 OR 300.
MEADOWLARK - 6

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GREY LODGE WILLOW REFUGE, BUTTE Co, California

Dec 5
(CONT'D)

DROVE CARS THRU PROTECTED AREA OF REFUGE THEN PARKED & WALKED A MILE OR SO AROUND COGES OF SLOUGHS & PONDS. SAW 15[±] JACK RABBITS FEEDING IN DAY TIME & FOUND REMAINS OF 1 MUSKRAT. WAITED TIL 15 MINS AFTER SUNSET TO SEE EVENING FLIGHT OF BIRDS FROM REFUGE OUT TO FIELDS TO FEED. IMPOSSIBLE TO COUNT NUMBERS OF MANY SPECIES SO LISTED AS "COMMON" BELOW. DAY CLEAR, WARMISH, LITTLE WIND.

BIRDS ON REFUGE:

PICO-B GREBE - 4	RED-TAILED - 2
AM. CORMORANT - 2	MAREM HAWK - 1
AM. BITTERN - 8	SPARROW HAWK - 4 or 5
WH. SWAN - 1	QUAIL (CALIF?) - 15
"CANADA" GOOSE - 20 [±]	PHASANT - 30-40
WHITE FRONTED G. - 3 or 400 [±]	SANDHILL CRANE - 100 [±]
SNOW GOOSE - common	VIRG. RAIL - 1 (common)
MANHATTAN - 2 or 300 [±]	GALLINULE - 6
GAUWAIN - 4	COOT - 75 [±]
BALD PATE - 2 or 300 [±]	KILLDEER - 15
PINTAIL - common	SNIBE - 4
GR-WINGED TEAL - 20-30	LEAST S-PIPER - 5
SHOVELER - 40 [±]	DOWITCHER - 6
RUDDY - 1 ♀	MOORING DOVE - 30 [±]
VULTURE, TURKEY - 4	FUCKER - 12

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GREY LODGE WILDLIFE REFUGE, BUTTE CO., CALIFORNIA

Dec. 5
(CONT'D)

Downy W'pecker - 1	PIPER - 1
PHOEBE. Black - 1	
SHrike - 2	
W' Meadowlark - 3	
Redwings (sp?) - common	
Brewers B' Bird - 50+	
Kinglet R.C. - 1	
Fox Spar. - 1	
White Cat SP. - 50+	
Golden Ori SP. - present (#=?)	

SPENT NIGHT AT DR. LEONARD'S CABIN ON HIS CATTAH DUCK CLUB EAST OF MARYSVILLE.

Dec. 6 DROVE BACK TO GREY LODGE IN EARLY AM.
BELOW FREEZING BUT CLEAR WITH LITTLE WIND. ADDED TO YESTERDAY'S LIST:

TREE SWALLOW - 10+	SAW OTTER (?) IN
CINNAMON TEAL - (4 & ?)	SAWON.
L-B'S MARSH WREN - 4	Great Blue Heron - 10+
YELLOW - THROAT - 2	MOCKING BIRD - 4 (all ^{off} _{refuge})
NUTTALL W'PECKER -	ROBIN - 1 (")
YEL-H'S BLACKBIRD - 150+	COWBIRD - 1(?) ^{canine}

LEFT ABOUT 11:30 AM & DROVE BACK TO BEAR. BY WAY OF WEST BUTTE, COWSEA, ARBUCKLE etc. SAW FOLLOWING BIRDS:
(ALL MOSTLY ON W SIDE OF MARYSVILLE BUTTES:)

A.C. ZIEGLER
1959

Journal

GREY LODGE WILDLIFE REFUGE BUTTE CO. CALIFORNIA

Dec. 6	TURK. VULTURE - 4	CALIF. JAY - 4
(CONT'D)	RED-TAILED - 5	ROCK WREN - 1
	GOLD. EAGLE - 2 (imm)	MT. MT. BLUEBIRD - 12
	MARSH HAWK - 1	SHRIKE - 4
	SPARROW HAWK - 4	AUDUBON'S WARB. - 4
	BURROWING OWL - 2	
	SAYS PROGE - 2	

Arrived Berkeley 3:30 PM.

END
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Ziegler, A.C.

1959

Species Accounts

Amphibians

Mammals

Amphibians

A.C. ZIEGLER
1959

ASCAPHUS NEVSI

(1)

Poker Flat, 5000[±] ft., 12 mi. NW Happy Camp, Siskiyou Co., Calif.

Aug. 8

WORKED THE SLOWLY-MOVING STREAM BACK OF CAMP & TOOK 30[±] ADULTS (MOSTLY ♂), 30[±] TADPOLES & 25[±] METAMORPHOSING INDIVIDUALS IN ABOUT 3 OR 4 HOURS ^{IN AFTERNOON.} WORKED OTHER SECTIONS OF STREAM WHERE WATER IS COLDER & SWIFTER BUT GOT ONLY 4 ADULTS & SAW ONLY 2 TADPOLES. GREATEST CONCENTRATION OF ADULTS WAS AT JCT. OF A COLD SWIFT STREAM COMING DOWN A STEEP SLOPE & THE SLOW STREAM FORMED BY SEEPAGE FROM THE FLAT. HERE AT JCT GOT 15[±] ADULTS IN 15 FT OF STREAM. MANY UNDER MOSS COVERED ROCKS AT EDGE OF WATER. ALL EGGS TAKEN WERE UNDER AT LEAST 2 INCHES OF WATER & ALL EXCEPT ONE WAS UNDER A FLAT ROCK. THE METAMORPHOSING ONES WERE CONCENTRATED IN A SLOW, WARM PART OF SEEPAGE STREAM & OCCURRED ONLY ALONG ABOUT 30-50 FT. OF IT. TADPOLES WERE SEEN IN MOST PARTS OF SEEPAGE STREAM. BOTH ADULTS & TADPOLES WERE MOST FREQUENTLY FOUND JUST BELOW A SLIGHT RIFFLE OR BUBBLING WATER SECTION. SOME OF THE TADS HAD A SMALL PART OF FIN ABOVE WATER & WERE OFTEN IN PLAIN SIGHT. ADULTS ALWAYS OUT OF SIGHT & EXCEPT IN 4 OR 5 CASES WERE FACING UPSIDEAM. ADULTS USUALLY REMAIN STILL WHEN UNCOVERED & ARE DIFFICULT

A.C. ZIEGLER
1959

ASCAPHUS TRUES

(?)

AUG 8
(CONT'D)

POKER FLAT, 5000⁺ FT., 12 MI. NW HASTY CAMP, Siskiyou Co., OR.
TO SEE SINCE THEY SO RESEMBLE A PIECE
OF GRANITE ~~THE~~ OF WHICH THE STREAM
BED IS MADE. TAD'S & LEOGEO. TAD'S ARE
QUITE ACTIVE THO. SMALLER TAD'S ARE
USUALLY BLACKISH ALTHO SOME ARE OLIVE
GREEN AND ALL SEEM TO HAVE A WHITE
TIP ON TAIL. LARGER TAD'S ARE MOTTLED
OLIVE GREEN & SOME OF MOST SEEM TO
LACK THE WHITE TAIL TIP. THE 4-LEGGED
TAD'S ALREADY HAVE THE LIGHTER TRANS-
VERSE SNOUT BAR OF THE ADULTS. FOUND
NO HABITAT D.I.F.F. IN ♂ & ♀ ADULTS. (IF
I HAVE SEXED THEM RIGHT). SOME MALES
WITH BREEDING PATCHES ON FORELIMBS &
CHEST.

WALKED THE COLD, SWIFT STREAM WHICH
FLOWS DOWN A STEEP SLOPE (UP TO 45°)
ON AUG. 9,
BUT FOUND NO FROGS OR TAD'S. WATER IS
NOTICABLY COLDER IN THIS ONE - HANDS
HURT AFTER BEING IN IT ONLY A MINUTE
OR SO. ~~LATER~~ 2 YEARS AGO DR BENSON & I
TOOK EITHER 1 OR 3 FROGS OUT OF THIS
STREAM AT POINT WHERE IT CROSSES ROAD
ABOVE CAMP BUT I COULD FIND NONE
THERE THIS YEAR. SAW NO OTHER AMPHIBIANS
IN STREAMS OR BESIDE THEM UNDER ROCKS
IN MOSS, ETC. NO SIGN OF ASCAPHUS EGGS.

Mammals

A.C. ZIEGLER
1959

①

Sorex ornatus

SPRINGS CANYON, 850[±] FT. BERKELEY, ALAMEDA CO., CALIF.
coll. Nov. 30, 58
DISO FEB 10, 59

PUT UP A ~~SHABBY~~ ♂ WHICH HAD BEEN A CRATIVE
AT HOME. FOUND DEAD IN CAGE - PERHAPS FROM LACK OF
WATER FOR 8 OR 10 HOURS - REMAINS OF MEAT LEFT
IN CAGE. ATE BEEF, POUL, CHICKEN, PORPOISE, ^{MEALWORMS (ADULT LARVAE)} AND
DEAD MICE WITH EQUAL RELISH. TESTES ENLARGED
(3x4mm). ANAL GLANDS NOT OBVIOUS. NO MUSKY ODOR TO
BODY.

1.0 MI. N, 2.0 MI. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

FEB. 14 A ♂ SHOWED TESTES $1\frac{1}{2} \times 2$ mm. NO MUSKY ODOR.
ANAL GLANDS NOT OBVIOUS. TAIL TIP HAD BEEN
LOST BEFORE ANIMAL WAS TRAPPED.

9 MI. (BY ROAD) S PACINES, ^{1000[±] FT.} SAN BENITO CO., CALIFORNIA

MAR 8 1 ♀ DEAD IN LIVE TRAP OF W.B. QUAY. SEE
3x5 IN. CARD IN THIS JOURNAL; THIS DATE, FOR
ECOLOGICAL, ETC. DATA. SPECIMEN'S UTERINE
HORN ENLARGED (ALMOST 2 mm IN D.I.A.)
BUT NO EMB'S OR SCARS NOTED. NO "ALERTING" OF HORNS
NOR LACTATION
EITHER SO MAY NOT HAVE BEEN POST-POSTUM.
NO ANAL GLANDS OR OOOE EVIDENT. AGE #1357

1.0 MI. N, 2.0 MI. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

APR. 17 1 ♀, 2 ♂ FROM MARSH, ANAL GLANDS OF ♂'S EVIDENT
(A LITTLE SMALLER THAN TESTES) BUT NO OOOE NOTICED.
EPID. TUBULES EVIDENT & ♀'S UTERINE HORNS WERE
ENLARGED. #1401 & 1402 SNOW-TRAPPED, #1403 DEAD IN LIVE TRAP

A.C. ZIEGLER
1959

(2)

SORBY ORNATUS

PREP'D
JULY 8

1.0 mi. N, 2.0 mi. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

ADULT ♀ TAKEN JUNE 15 BY GEO FISLER.
NO ANAL GLANDS OR OVIDUCT NOTICED. MAMMAE
VISIBLE AS RED DOTS EXTERNALLY. NO ENDS BUT
UTERUS ENLARGED.

A.P. ZIEGLER
1959

Sooty Marmots

Whitney Portals Camp, 8300⁺ ft., Inyo Co., Calif.

JUNE 29 I TAKEN IN A DOZEN SNOW TAILS BESIDE CREEK IN CAMP GROUND. STREAM WAS 3-4 FT. WIDE, COLD & SWIFT & PERHAPS 3-4 INCHES DEEP. DR. QUINN SAID STREAM ROSE UP TO 4 INCHES AT NITE FROM MELT-WATER OF SNOW UP HIGHER. - & STREAM DID FLOOD A COUPLE OF YEARS. P. MANICULATUS IN 3 OTHER YEARS.

Poker Flat, 5000⁺ ft., 12 mi. NW HAPPY CAMP, SISKIYOU CO., CALIF.

AUG 10 SAW ONE RUN PAST ME ON ROCKS IN 1-2 INCH WATER ALONG SEEPAGE STREAM. SEEMED A FAIRLY LARGE ANIMAL. WENT UNDER A ROCK BESIDE ME AT EDGE, & OUT OF WATER. I LIFTED ROCK BUT WAS NOT QUICK ENOUGH TO GRAB ANIMAL. IT SWAM THRU WATER FOR A FOOT & LEAPED OVER ROCKS & ESCAPED UNDER BRUSH OVER HANGING WATER.

AUG. 13 SAW ONE SWIM OUT OF WATER ACROSS A TINY POOL & DISAPPEAR UP THE INLET YCILLU. ~~STILL~~ AM ABOUT 8:00. STILL HAVE TAKEN NONE IN TRAP SET IN VICINITY.

BUTT CREEK, 4300⁺ ft., 8 mi. S CHESTER, PLUMAS CO., CALIF.

AUG 19 KARE SAW ONE SWIM RAPIDLY ACROSS PART OF CREEK TODAY BUT I TOOK NONE IN TRAPS ALONG SLOW SIDE BRANCHES & SEEPS OF STREAM.

A.C. ZIEGLER
1959

Sorex yarrowi

Strawberry Canyon, Berkeley, Alameda Co., Calif.

Feb 9 A ♂ TAKEN BY J.M. TAYLOR APPEARED TO BE IN BREEDING CONDITION. TESTES WERE 3x6 MM + EPID., ON CLOSE EXAMINATION, SHOWED THE COILED TUBULES. THE ANAL GLANDS WERE ABOUT 3x4 MM + THERE WAS A NOTICEABLE "METALLIC" ODOR TO THE CAECES. TO ZOLLER

Mar 28 A ♀ TAKEN BY DR. BENSON HAD 2 RI, 2 LT. 5-MM EMB'S. + FAIRLY HEAVY MAMMARY TISSUE. THE EMB'S WERE VERY DARK - ALMOST BLACK - BUT I DID NOT SKIN VTERINE WALL TO EXAMINE THEM SINCE DR. QUAY WANTED ^{BODY & EMB'S} SPEC. PRESERVED FOR SOMEONE BACK EAST WHO IS WORKING ON SHREW EMBRYOS. THIS SPECIMEN HAD A NOTICEABLE "METALLIC" ODOR TO IT.

A.C. ZIEGLER
1959

Sorex vagrans

BUTT CREEK, 4300[±] FT., 8 MI. S CHESIER, PLUMAS CO. CALIF.

AUG. 18

2 ♀♀ + 1 ♂ taken above marsh edge
DURING NIGHT. SCENT GLANDS NOT NOTICEABLE
ON ♂ OR ♀♀. TOOK NO OTHERS IN TWO MORE
NITES TRAPPING IN SAME AREA.

LAKESIDE (SALT MARSH, 3 MI. BOX AIR HILL), MARIN CO. CALIF.

AUG. 29+30

13 SHREWS FROM HERE ASSIGNED TO THIS SPECIES
BY DR. BENSON — SOMEONE APPARENTLY THINKING
THEY MAY BE HYBRIDS BTW. VAGRANS & ORENABUS
MANY WERE QUITE SOOTY-BLACKISH. ♂♂ HAD
LARGE ANTR GLANDS BUT DID NOT NOTICE
THEM ON ♀♀. ALL WERE SKIPPING BUT SAVED
2 AS SKINS & SKULLS TO SHOW COLOR

A.C. ZIEGLER
1959

MYOTIS

MANHATTAN MINE, 2000⁺ FT, 1 1/2 MI. NW KNOXVILLE, NADA CO. CALIF.

JU-420 1 ♂ TAKEN BY RICHARD E. GRANAM (HIS # 153,
MY # 1531) ^{MY # 12577}. EPID. NOTICABLE BUT TUBULES NOT
OBLVIOUSLY ENLARGED. EPID. SEEMED TO EXTEND BACK
INTO MEMBRANE. 2 CORYNORHINUS ALSO TAKEN
HERE ^{AND A FEW} ~~BUT APPARENTLY NO~~ OTHER BATS SEEN AT
THIS TIME.

A.C. ZIEGLER
1959

EUTRICHUS FUSCUS

Poker Flat, 4000[±] Ft., 12 mi. NW HARRY CAMP, S. S. H. CO., CALIF.

AUG. 9 ONE SHOT AT DUSK. ♀, NO EGGS, VERY
HEAVY FAT ALONG SIDES OF BACK ON ~~W~~
PAD ABOVE PELVIS.

AUG. 11 TWO ♂ AT DUSK. NOT SO FAT AS ♀ OF
THE 9.TH GLANDS & SOME FAT ~~ABOVE~~ YELLOWISH.

A.C. ZIEGLER
1959

CORYNORHINUS TOWNSENDI (FOLLOWING
HANK HOBSON
1959 P. 198)

MANHATTAN MINES, 2000⁺ FT., 1 1/2 MI. NW KNOXVILLE, HARRIS CO., TENN.

JULY 20

2 TAKEN BY RICHARD E. GRAHAM, IN MINE
TUNNEL. IN WINTER LARGE ROOSTS ARE PRESENT
APPARENTLY. A FEW SMALL ROOSTS OF UNID. BATS SEEN THIS
~~AT THE SAME TIME ONLY 1 WAS SEEN~~ ^{FEW}

BOTH MALES WITH LARGE TESTES. EPID'S LOOKED
LARGE BUT NO TUBULES WERE VISIBLE. ANTS;
IN CAVE THE 2 HUNG BY FEET & "CLUSTERS"
SO CLOSE THEY APPEARED TO BE ONLY 1
BAT. EARS CURVED BACK WHEN RESTING.
DICK ALSO TOOK ONE SMALL MYOTIS IN
MINES. THE EPID'S OF BOBY'S WERE ~~WAS~~ ^{SITUATED}
IN THE INTERFEMORAL MEMBRANE BUT TESTES WERE
NOT.

A.C. ZIEGLER
1969

SCIURUS DOUGLASSI

POKER FLAT, 5000⁺ FT., 12 MI. NW HADLEY CAMP, SISKIYOU CO., CALIF.

AUG 14. HAD HEARD ONLY 1 IN 6 DAYS HERE. BUT TODAY SAW 2 CHASING EACH OTHER ALONG THE SWIFT STREAM NEAR CAMP. WENT BACK WITH GUN & SQUEAKED FOR $\frac{3}{4}$ HOUR BUT SAW NONE. WALKED UP TO ADAS & HEARD CALL-NOTE OF "PAAAY" CHANGING TO "PAAAY-OOW" WHEN I APPROACHED. SHOT IT (WITH TOO HEAVY A CHARGE & RUINED SKIN). WALKED IN ROAD $\frac{1}{4}$ MI. BUT HEARD NO MORE. COMING BACK HEARD ANOTHER IN SAME TREE GIVING SAME SEQUENCE OF CALL-NOTES. WAITED $\frac{1}{2}$ HOUR BUT ANIMAL WOULD NOT LEAVE TOP OF VERY TALL CONIFER. FINALLY TRIED A LONG SHOT BUT ONLY SUCCEEDED IN DRIVING IT DOWN TREE WHERE I LOST IT. THE SKIN I GOT WAS IN POOR PEELOES - A BREEDING MALE. THE ONE I MISSED WAS LARGER & SEEMED IN BETTER PEELOES.

BUTT CREEK, 4300⁺ FT., 8 MI. S CHESTER, PLUMAS CO., CALIFORNIA

AUG 19 SHOT 2 ♂'S ALONG LOGGING ROAD $\frac{1}{2}$ MI. FROM CAMP. SAW 2 OR 3 OTHERS. BEST WAY TO SHOOT THEM SEEMS TO BE TO WALK QUIETLY ALONG ROAD OR THRU WOODS & WAIT FOR THEM ON LOGS - IN TREES THEY SEEM TO RUN FOR COVER ON OPPOS. SIDE OF TREE WHEN APPROACHED. CITELLUS LATERALIS ABOUT 3 TIMES AS EVIDENT AS THIS SPECIES.

P.C. ZIEGLER
1959

SCIURUS DOUGLASSI

2

SECT. 10
& 11

Southern Area, 9625 ft., Tuolumne Co., California

Common in wooded parts of this area.
Seen in even groups of 5 or 6 trees
isolated by open ground. Heard calling
or "singing" often. C. lateralis, Peromyscus
& Eutamias also in general area.

A.C. ZIEGLER
1959

CITELLUS BENDIRI

BUTT CREEK, 4300⁺ FT., 8 MI. S CHESTER, PLUMAS CO., CALIF.

AUG-19

FOUND THESE COMMON IN CREEK-BOTTOM
MEADOW WITH BURROWS IN & UNDER LOGS,
UNDER ROCKS & IN CREEK BANK. SAW 8 OR 10
IN 50 YD. SQ. MEADOW. TOOK 2-HARD TO KILL

AUG-20

SAW LARGE ONE 100 YDS FROM MEADOW
IN WOODS RUNNING FROM LOG TO LOG
& BUSH TO BUSH, PAUSING UNDER CREEK
PIECE OF COVER. THIS WAS ABOUT 10 AM.
THIS SP. NOT SEEN SEPT. 3 TO SEPT. 5, 1959
WHEN DR. BENSON & I MAILED THE SAME
LOCALITY. PERHAPS HIBERNATING ABOUT THE
END OF AUGUST. ANIMALS HAS MODERATE AMT
OF FAT.

SONORA PASS, 9625⁺ FT., TUOLUMNE CO., CALIFORNIA

SEPT-10
& 11

FAIRLY COMMON IN THE MORE OPEN
GROUND IN AREA. CITELLUS LUTEMUS SEEMED
TO STAY MORE IN WOODED AREAS OR DID ALSO
CITELLUS SP.?

H.C. ZIEGLER
1959

CITELLUS LATERALIS

BUTT CREEK, 4300⁺ FT., 8 MI. S CHESTER, PLUMAS CO. CALIF.

AUG 18
THRU 20

VERY COMMON — PERHAPS 20 WITHIN
50 YDS OF CAMP. — YOUNGISH + ADULTS.
SEEM TO PREFER APRICOTS TO ORANGES ON
TRAPS. ONE YOUNG CRAWNT AROUND MARSH
SCORPHE BUT OTHERS STICKING TO DRIER
HILLSIDES. OUT OF ABOUT ¹²~~10~~ CAUGHT ~~SO FAR~~
ONLY 7 HAVE BEEN ♂. ALEXAN CANH IS A
SHARK "PEEL".

SONORA PASS, 9625⁺ FT., TUOLUMNE CO. CALIFORNIA

SEP 10
+ 11

FAIRLY COMMON IN WOODED AREAS HERE
ALONG WITH A RELATIVELY SMALL, BROWNISH
COLORED EUTAMIAS + A FEW SCIURUS DOUGLASSI.
C. BENDIRI FAIRLY COMMON IN ^{OPEN} MEADOWS +
OPEN GROUND.

A.C. ZIEGLER
1959

CITELLUS LEUCURUS

FREEMAN CANYON, 4700[±] FT., 1.8 MI. (BY ROAD) SE WALKER PASS, KERN CO., CALIF.

JUNE 27 NONE SEEN DURING DAY BUT 1 TAKEN IN
LIVE TRAP BY DR. QUAY. AREA IS SAND-BRAUSH-
YUCCA. ASSOC'D MAMM'S PEROMYSCUS TRUEI,
ONYCHOMYS, NEOTOMA LEO, OR, SCALP ANTIMONTANA.

1/2 MI. W INYOKERN P.O., 2425[±] FT., KERN CO., CALIF.

JUNE 28 DR QUAY TOOK ANOTHER IN THIS AREA.
MOSTLY OPEN SAND & GRAVEL WITH ONLY A
FEW BUSHES SCATTERED HERE & THERE.

STONEWALL PASS, 4700[±] FT., NYE CO., NEVADA

ALSO 4.2 MI. S... AND 4.2 MI. N...

JUNE 29
#30

"MANY" SEEN ALONG ROADS (IE. ONE EVERY
100-200 YARDS ALONG HIWAY) OFTEN CARKING
WITH A BIRD-LIKE TRILL OR MUSICAL CHATTER.
SEEM MORE COMMON (SIGHT RECORDS) ALONG
ROADS THAN A FEW HUNDRED FEET ^{AWAY FROM} ~~BEHIND~~
HIWAY. SAW ONE SITTING ON VERY TOP OF
A 2 FT. HIGH BUSH ABOVE 8 AM JUNE 30.
3 OR 4 ^(INCLUDING 2 YG) ~~YOUNG~~ ~~AT~~ ^{NEAR} PASS & VICINITY.
CARKING KEPT UP TIL ALMOST 100 DASH TO
SEE ANIMALS IN EVENING.

A.C. ZIEGLER
1959

Eutamias minimus

0 mi. S, 2 mi. E Bodie, 6500⁺ ft., Mono Co., Calif.

SEPT. 12 TOOK 2 IN LIVE TRAPS & REST OF AFTERNOON
TOOK 3-4. NOT SEEN ON AREA WHILE
SETTING OUT TRAPS BUT A FEW SEEN
WHILE DRIVING ALONG ROAD. NONE TAKEN
AT 0 mi. S, 7 mi. E Bodie ALTHO AREA MUCH
THE SAME - PERHAPS JUST CHANCE.

OTHER MAMMALS TAKEN: Microtus, Dipodomys
& Peromyscus, Neotoma lepida (?) & P. maniculatus

A.C. ZIEGLER
1959

Eutamias SPECIOSUS

BUT CREEK, 4300⁺ FT. 8 MI. S CRABIER, ~~SOUTHERN~~ ^{PUMAS CO. CALIF.}

AUG-17
- 20

TRAPPED 3 ON EDGES OF WOODS HERE
- SEEMS TO BE THE COMMON CALIF. SKUNK
OF THE OPEN AREAS ALONG THE CREEK
ALTHO AMOEUS ~~PROBABLY~~ IS HERE
& WAS JUST NOT TRAPPED. TOURNEI
APPARENTLY OCCURS DEEP IN THE WOODS
IN THIS AREA.

A.P. ZIEGLER
1959

EUTAMIAS TOWNSENDI

POLICE FLAT, 5000[±] FT., 12 MI. NW HADENY CAMP, Siskiyou Co., ORE.

AUG. 9
~~10~~

TOOK TWO IN RAT TRAPS ON LARGE FALLEN LOGS. LARGE ANIMALS WITH LONG EARS & SEEMINGLY QUITE A POINTED FACE. TOOK ANOTHER IN A MARSHY SWALE BEHIND A ROCKY SHOPE. THIS ANIMAL SLID INTO POOL & DROWNED IN TRAP. MAYBE WT. IS GREAT BECAUSE OF WATER IN LUNGS. ANIMALS SEEM QUITE ACTIVE ABOUT 8 - 10 AM & THEN SEEM TO QUIET DOWN FOR REST OF DAY.

AUG 13 SHOT 3 ON SUNNY ROCKY SHORE WITH SMALL CONIFERS BEHIND OF CAMP AT NOON. SAW FEW 8 ANIMALS IN 15 MIN'S. THESE GO UP & DOWN THE TREES WITH EASE - SOMETIMES REACHING ON A LIMB 3-4 FT. UP & GIVING CALL NOTE.

BUTT CREEK, 4300[±] FT., 8 MI. S CHESTER, PUMAS CO., CAL. F.

AUG 19 SHOT 1, ^{DEEP} IN WOODS. SAW A CATIVE ONE IN COLLECTION OF FELLOW HIVE YEARNING CHIPMUNKS FOR SALE TO PET STORES. THE CHIPMUNKS ON EDGES OF WOODS & IN ROCKY, MORE OPEN AREAS SEEMS TO BE SACCIORUS

A.C. ZIEGLER
1959

THOMOMYS BOTTAE

2.5 mi. S, 1.0 mi. W CHOWCHILLA, 215[±] FT, ^{MADEIRA CO., CALIF.} SECT. 12, T. 10S, R. 15E.

Mar. 6

MALE KEPT IN CUSTODY ^{IN BERKELEY} SINCE DEC. 26, 1959 HAD LARGE TESTES & EPID. TUBULES QUITE APPARENT. ANIMAL WAS FAIRLY SMALL (205 mm.) BUT PERHAPS THIS IS CHARACTERISTIC OF SSP. MEWA. A.C.Z. # 1356. Accn. 9629. DICK SAID THE ANIMAL WAS NOT NOTICEABLY SMALLER, WHEN HIS DOG DUG IT OUT OF BURROW, THAN IT WAS AT TIME OF PREPARATION. SLIGHT AMOUNT OF FAT NOTICED WHEN SKINNING. DICK ALSO SAID UP TO A WEEK OR SO AGO ANIMAL WAS RELATIVELY QUIET AT NIGHT BUT RECENTLY HAS BECOME VERY RESTLESS AT NIGHT. THIS POSSIBLY COULD BE CONNECTED SOMEHOW WITH PERHAPS START OF BREEDING SEASON SINCE ANIMAL IN OBVIOUS BREEDING CONDITION WHEN PREPARED.

STRAWBERRY CANYON, 850[±] FT, BERKELEY, ALAMEDA CO., CALIF.

MAR 31

1 ♂ WITH LARGE TESTES (8x15 mm) & EPID. TUBULES VERY EVIDENT. GOAWERS DO NOT SEEM TO BE THROWING OUT TOO MUCH FRESH DIAT AT THIS TIME OF YEAR - DIRT IN HOLE AT ENTRY RUNS LOOKS SEVERAL DAYS OLD USUALLY.

APR 1

3 ♂ ^{ABOUT} IN SAME SEX CONDITION AS ONE ON MAR. 31. COATS SEEM THICK ALTHO SOME MOLTING OR THIN SPOTS WERE PRESENT. FEW & A FEW TICKS ON SPECIES.

A. L. Zisler
1959

THOMOMYS MONTICOLA

POKER FLAT, 5000⁺ FT. 12 MI. NW HAPPY CAMP, S. SL. CO., CALIF.

AUG. 8 BURROWING EVIDENT IN FLAT & ON
EDGES OF WOODED SHOES SURROUNDING IT. EARTH
CORES FORMED IN SNOW ALSO SEEN IN PLACES.
TOOK 1 IN TWO SETS. SMALLISH; ^{INDISTINCT.} ~~ROBB~~
BROWNISH DORSUM & GREY SIDES.

AUG. 9 TOOK ANOTHER IN A ONE-TRAP SET. ANIMAL
DEAD AND WITH A DEEP HUNK OF MUSCLE
TAKEN OUT OF BACK BETWEEN ~~FORE~~ SHOULDERS.
BLOOD IN IT STILL FRESH. ROBB TRAP BUT
GOT NOTHING TODAY OR AUG. 10. SO REMOVED
TRAP.

AUG. 12 A LARGE ♂ WITH LONG CAECUM TAKEN
THIS AM. DUG INTO ANOTHER FAIRLY LARGE
BURROW TO SET TRAP & A SMALL YG. ♀
RAN OUT OF HOLE A FOOT AWAY. CAUGHT
& SKINNED IT. THE LARGE ♂ HAD A FRESH
BITE NEAR TIP OF TAIL. HE WAS APPARENTLY
IN BREEDING CONDITION.

AUG. 13. LARGE ♂ & YG ♀ TAKEN TODAY. SETS IN
SEVERAL BURROWS HAVE GIVEN NO RESULTS
FOR A DAY NOW.

BUTT CREEK, 4300⁺ FT. 8 MI. S CHESTER, PLUMAS CO., CALIF.

AUG. 18 ♀ TAKEN IN CREEK-SIDE MEADOW. ONLY
2 OTHER FRESH WORKINGS NOTICED & I
CAUGHT NOTHING WITH SETS IN THERE. ANIMALS
AVOID THE VERY THICK SOD IN MEADOW & USE HILL-
SIDE JUST BESIDE THE MEADOW GRASS SOD.

A.C. ZIEGLER
1959

PEROMYSCUS CALIFERNICUS

EAST ENTRANCE PINNACLES NAT'L MON., 1100⁺ FT., SAN BENITO CO., CALIF.

AND

12 MI. (BY ROAD) SSE PAICINES, 1100⁺ FT., SAN BENITO CO., CALIF.

MAR. 22

FAIRLY COMMON AT BOTH LOCATIONS BUT ONLY ON THE HIGHER, RELATIVELY OPEN SAGE & GRASS OR "CHAMISE" + BASE-GROUND SLOPES. NOT FOUND ^{MUCH} IN THE LOWER, VERY BRUSHY, AREAS WHERE PEROMYSCUS TRUEI IS FAIRLY COMMON. OF 2 ♂♂ I TOOK ONLY 1 SHOWED EPID. TUBERCLES. TESTES OF ~~THE~~ TWO AVERAGED 5x9 mm. 1 ♀ TAKEN HAD RATHER "OLD" UTERINE SCAES + WAS NOT LACTATING.

A.C. ZIEGLER
1959

PEROGNATHUS FERMOSUS

4.2 mi. ~~W~~ (BY ROAD) S STOVENSON PASS, 4200⁺ FT., NYE CO., NEVADA

JUNE 30 DR. QUAY TOOK 2 IN FIVE YEARS IN OPEN
SANDY-GRAVEL WITH ONLY A FEW SPARSE
BUSHES 10-15 FT APART. P. LONGIMEMBRIS + J. DO.
MONZIEANUS WERE ASSOC'D ANIMALS.

THIS PEROGNATHUS RESEMBLES P. PARVUS SOME-
WHAT BUT HAS A LONGER TAIL WITH QUITE
A BIT OF HAIR ON IT. ALL THE MAMMALS
FROM THIS LOCALITY SEEM ^{RELATIVELY} DARK -

A.C. ZIEGLER
1959

PEROMYTHUS LONGIMEMBRIS

FREEMAN CANYON, 4700 FT., 1.8 MI. (BY ROAD) SE WARDEN PASS, KERN CO., CALIF.

JUNE 28 ONLY 1 TAKEN BY MYSELF IN THIS AREA
ALTHO A COUPLE MORE MAY HAVE BEEN TAKEN BY
OTHERS. ASSOC'D MAMMALS: PEROM., TRUGI, NEOTOMA LEUCURUS,
ONYCHOMYS & D. PO. ADAMANTIUS. ACER: SAND-
BRUSH & YUCCA.

1/2 MI. W INTO KERN P.O., 2425 FT., KERN CO., CALIF.

JUNE 28 MORE OPEN AREA THAN FREEMAN CANYON —
SAND WITH ONLY A FEW SCATTERED BUSHES. TOOK
ALTOGETHER (3 PEOPLE) PERHAPS 6 OR 7 OF THIS
SPECIES. ^{ALL LIVE YOUNGS. (NO SNOWBERRY)} ONLY COMMON ASSOC'D MAMMAL SEEMED
TO BE D. PO. MEXICANUS.

STONEMAN PASS, 4700 FT., NYS CO., NEVADA

JUNE 30 A RELATIVELY COMMON MAMMAL HERE & ALSO
4.2 MI. S... AND 4.2 MI. N... OF PASS. PEROM. CANTON
D. PO. MEXICANUS, D. MICRAUS, PEROM. FERMOUS &
EUTHELIUS LEUCURUS WERE ASSOC'D MAMMALS.
THE P. LONGIMEMBRIS FROM THESE AREAS ARE
NOTICABLY DARKER THAN THOSE FROM KERN
CO., CALIF. (JUNE 28 ABOVE) — PROB. DUE TO SELECTION
ON THE ^{SIGNATURE} DARKISH ~~SOIL~~ VOLCANIC SOIL
& GRAVEL.

A.C. ZIEGLER
1959

PEROGNATHUS PARVUS

FLAT BESIDE LEEVING CREEK, 7400⁺ FT., ABOUT 2 MI. S, 2 MI. W
LEEVING, MONO CO., CALIFORNIA.

JULY 1 5026 TAKEN BY PARTY IN LIVE TRAPS SET
WELL UNDER SADE BUSHES ON SANDY-GRAVEL
SOIL. BUSHES ~~WERE~~ 2 FT. TALL + 3⁺ FT THRU
AND ONLY A COUPLE OF FEET APART. ~~THE~~
A YG. ♂ WAS ALMOST THE SAME SIZE AS
AN ADULT ♀ (NOT IN WEIGHT, THO). P. MANICULATUS
+ EUTOMIAS MINIMUS (YG) ALSO TAKEN HERE.

C. Zieglar
1959

MICROTODONTOMYS (MEGALOTOMYS?)

7 mi. S, 4 mi. E Boone, 6500[±] ft., Mono Co., Calif.

JULY 1

Dr. Quay & Dennis Galloway took 8 at this location. FINE SAND WITH A COUPLE OF OLD DUNES. SMALL BUSHES 5-10 FT. ABST. MANY ROBERT PEREWS IN SAND. ASSOC'S MAMMALS: DIPLO ORO, D. PANAMINTINUS + D. MEXIC. ALSO PEROMYS MANICULATUS. THE MICROTOD. SEEM INTERMEDIATE IN CHARACTERS GIVEN FOR PAHLIUS + MEGALOTOMYS IN HANN & VERNON 1959 MAM'S OF N. AMER. THE NASALS + PREM. IV BONES; LONG HIND FOOT; ^{ALL WHITE VENTRAL} ~~NO~~ HAIR. ANOTHER AT AGREE WITH PAHLIUS BUT THE RANGE; GENERAL COLOR (ESD. BLACK ON DORSUM) + PERHAPS SKULL SIZE(?) AGREE WITH MEGALOTOMYS. SO, WERE STILL SORT OF UNDECIDED ABOUT THE CORRECT SPECIFIC DESIGNATION.

AUG 24

3 TAKEN AUG. 20, 1959 BY DR. W. B. QUAY ALSO TODAY. ALL ♀♀. HEAVIEST 2 HAD 4 ORO SCARS, + 2 ORO SCARS RESPECTIVELY. NO FAT. TAILS THIN ALTHO SKIN SEEMS "BAGGY" ON A COUPLE OF THE TAILS.

6 mi. S, 7 mi. E Boone, 6500[±] ft., Mono Co., California

SEPT. 12

TOOK 5 IN 22 SNOW TREES + REST OF PARTY TOOK 8 IN LIVE TREES. ALSO TOOK 5 IN 34 LIVE TREES AT 8 mi. S, 2 mi. E Boone + REST OF PARTY TOOK 4 IN SHEERMANS. ASSOC'S MAMMALS: EUTOMIAS MINIMUS, DIPLO ORO + ^{PANAMINTINUS} ~~ORO~~ + P. MANICULATUS

A.C. ZIEGLER
1959

DIPLOMYS DESERTI

$\frac{1}{2}$ mi. NW Keeler 3600⁺ ft. AND 1.2 mi. (BY ROAD) SSE
KEELER 3600⁺ ft. INYO CO., CALIFORNIA

JUNE 29 PARTY TOOK ABOUT 10 IN EAST (SAND)
TRAPS & LARGE SHEMANS IN THESE 2
LOCALITIES. BOTH PLACES VERY SANDY WITH
ONLY SCATTERED BUSHES. ALSO 3 MAMMALS:-
DIPLOMERIS, ~~2~~ Many SMALL SHEMANS
HILLS FULL OF SAND - PROB. BY DESERT.

A.C. ZIEGLER
1959

DIDACTYLUS ENOPHANTHUS

EAST ENTRANCE PINNACLES NAT'L MON., 1100⁺ FT., SAN BENITO CO., CALIF.

MAR. 22

DR. QUINN B. F. 20⁺ & I TOOK 1 ♀ WITH 20 mm
EMB'S. DR. Q'S ♀♀ HAD VULVA OPEN. BOTH D.
(DR. Q. TOOK 1 ♂ & 2 ♀ HERMANNI - VULVA CLOSED)
HERMANNI & THIS SP. OCCUR ON THE HALF-OPEN
"CHAMISE" SLOPES AT THIS LOCALITY. DR. Q HAS
FOUND THAT THE TWO ARE BREEDING AT DIFF.
TIMES, TWO. ELEPHANTHUS IS BREEDING NOW
& I THINK HE SAID HERMANNI WILL BREED
LATER. TRAPS SET AT BASES OF BUSHES
SEEM TO GET MORE THAN TRAPS SET IN OPEN
HERE - AT LEAST LAST NITE THIS WAS SO
- THERE WAS A NEARLY FULL MOON 'TIL 2
OR 3 IN MORNING. PEROMYSCUS TRUEI IS
COMMON IN THE THICKER BRUSH LOWER ON
SLOPES (I.E. NEAR THE HIGHWAY) BUT DIPS
& PEROMOS P. MANICULATUS TAKE OVER HIGHER
ON SLOPES.

A.C. ZIEGLER
1959

DIPLOPODUS HERDMANNI

EAST ENTRANCE PINNACLES NAT'L MON., 1100⁺ FT., SAN BENITO CO. CALIF.

MAR 22.

DR. QUINN TOOK 1 ♂, 2 ♀♀ THIS LOCALITY - SEE
ACCOUNT OF D. PO. EUBRANCHIUS FOR MORE ECOLOGICAL
DATA. VULVA CLOSED ON 2 ♀♀, NO HABITAT DIFF.
NOTED BETWEEN THESE 2 SP.'S AT THIS LOCALITY.
COYOTES PRESENT AS PREDATORS.

12 MI. (BY ROAD) SSE ARICINES, 1100⁺ FT., SAN BENITO CO., CALIF.

MAR 22
(CONT'D)

I GOT 1 ^{IN MUS. SPEC.} ALONG ROAD SHOULDER WITHIN
A FEW BACCHARIS BUSHES. TRAILS FURTHER
UP HILL IN GRASS & SPARSE GRASS AREAS
GAVE PEROGNATHUS, PEROMYSCUS ETC. BUT NO DIPS.
MY SPEC. WAS ♂ WITH TESTES 7x11 mm. & EPID. TUB'S
VISIBLE MACROSCOPICALLY. ASSOCIATED MAMMALS: LOPUS,
CANIF., SYL. AUDUBONI, NEOTOMA LEXIDA, PEROM. TRUEI
& REITHROD.

C. ZIEGLER
1959

Dipodomys merriami

$\frac{1}{2}$ mi. W Inyokern P.O., 2425[±] ft., Kern Co., Calif.

JUNE 28 10-15 TAKEN IN THIS FLAT OPEN SANDY
AREA. Perognathus MEMBERS WAS ANOTHER COMMON
MAMMAL.

$\frac{1}{2}$ mi. NW KEELE, 3600[±] ft. AND 1.2 mi. (BY ROAD) SSE KEELE
3600[±] ft., INYO CO., CALIF.

JUNE 29 10-12 TAKEN BY PARTY IN LIVE TRAPS
IN SAME IMMEDIATE AREA AS DIPLO DORSETT
FIRE, WIND BLOWN SAND ON MUCH OF AREA.
THESE MERRIAM ARE MORE ORANGE ON DORSAL
SURFACE THAN THOSE FROM ~~THE~~ LOCALITY JUST
ABOVE & JUST BELOW THIS PRESENT ENTRY.

4.2 mi. (BY ROAD) S STOWENMAN PASS, 4200[±] ft. AND 4.2 mi.
(BY ROAD) N STOWENMAN PASS, 4600[±] ft., Nye Co., NEVADA

JUNE 30 PARTY TOOK A DOZEN OR SO ON SANDY
GRAVEL WITH WIDELY SCATTERED BUSHES.
PEROG. LONG MEMBERS WAS ASSOC'D MAMMAL.
SEVERAL OF DIPLOS WERE YOUNG.

A.C. ZIEGLER
1959

Diposowys microps

STONEWALL PASS, 4700± FT., NYE CO., NEVADA AND
4.2 MI. (BY ROAD) N STONEWALL PASS, 4600± FT., NYE CO., NEV.

JUNE 30

6 ♂ & 50 TAKEN AT THESE LOCALITIES.

~~THE~~ ASSOC'G MAMMALS: DIPLO MORA, AMI + ACROG.
LONG MEMBRIS

7 MI. S, 4 MI. E BOONE, 6500± FT., MOYO CO., CALIFORNIA

JULY 1

4 ♂ & 5 TAKEN IN LIVE ^{+ SNARE} TRAPS. ASSOC'G

MAMMALS: DIPLO SCOTI ^{+ PANAMINTINUS} + MICRODIPPOSOWYS

ON SOFT SAND WITH SCATTERED BUSHES.

THIS SPECIES SEEMS TO HAVE A SHORTER,
THICKER + DARKER TAIL THAN DIPLO PANAMINTINUS.
APPARENTLY CLOSEST RECORDED LOCALITIES
IN CO. ARE SEVERAL MILES N OF BENTON STA.

A.C. ZIEGLER
1959

DIPSOIDS 0201

7 MI. S, 4 MI. E BOOIE, 6500 FT., MONROE CO., CALIF.

JULY 1

3024 TAKEN IN LIVE TRAPS HERE. FAIRLY
LIGHT COLORED. ASSOC'S MAMMALS: DIPPO MICROPS
DIPPO PANAMINTINUS & MICRODIPPOPS.

A.C. ZIEGLER
1959

DIPLODOMYS PANAMINTINUS

FREEMAN CANYON, 4700± FT., 1.8 MI. (BY ROAD) SE WANDER PASS, VERMILION CLIFFS, MONTEZUMA CO., ARIZ.

JUNE 28

6 - 8 TAKEN IN LIVE & SNARE TRAPS.

SSP = MONTEZUMENSIS, ASSOC'D MAMMALS: PEROMYSCUS, PEROMYSCUS & CELESTIS, NEOTOMA LEUCODONTA & DIPLODOMYS.

7 MI. S, 4 MI. E BOULDER, 6500± FT., MONTEZUMA CO., ARIZ.

JULY 1

2023 OF SSP. LEUCODONTA TAKEN ALONG WITH DIPLODOMYS & DIPLODOMYS & MICROTOMUS. PANAMINTINUS SEEMS TO HAVE A LONGER, THINNER & LIGHTER COLORED TAIL THAN DOES MICROTOMUS. ORON IS MUCH (?) SMALLER.

A.C. ZIEGLER
1959

REITHRODONTOMYS MEGALOTIS

S BANK MOUTH SAN RAFAEL CREEK, ETC. . . . (SEE JOURNAL, THIS DATE)

JUN 78 THIS WAS ONLY SPECIES OF REITHRO TAKEN
IN MARSH AND DRY FIELD HABITATS AT THIS
LOCATION. MICROTUS + MUS ALSO TAKEN HERE.

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO. CALIF.

JULY 18 5 TAKEN ALONG WITH 12⁺ RAVIVENTRIS, IN
4 19 SALICORNIA AND DISTICHLIS BY GEO. FISLER.
AT LEAST 3 MEGALOTIS WERE YOUNG. SEE
SP. ACCT. OF RAVIVENTRIS, THIS DATE, FOR
COMPARISON OF THE 2 SPECIES.

A.C. ZIEGLER
1959

LEITHRODONTOMYS PAUVENENSIS

①

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

MAR 15 6 ♂ + 2 ♀ FOR MUZ TAKEN IN SNARE TRAPS IN
SALT MARSH BY GEO. F. FISHER OF MUZ. ♂'S SEEMED
TO BE CLOSE TO SOME STAGE OF BREEDING SINCE
MOST SHOWED EVIDENT EPID. TUBULES - TESTES WERE
WHITISH + ~~ADULT~~ ABOUT 3x5 mm. ♀'S SEEMED TO
HAVE CLOSED VAGINAS + UTERI WERE NOT ENLARGED
- NO EMB'S OR SCARS SEEN. THE HEAVIEST +
BIGGEST MICE HAD A SLIGHT BIT OF FAT - SMALLER
ONES APPARENTLY NONE. ALL EXCEPT 1 WERE
QUITE REDDISH BELOW - THE EXCEPTION SHOWING
A CERTAIN AMOUNT OF WHITE ~~IN~~ VENTRAL CRO-
RATION.

APR 6 7 ♂, ~~1 ♀~~ + 1 JUVENILE ^(BROKEN SKULL - DISCARDED), TAKEN BY FISHER. ONE WAS
ONE OF HIS MARKED ANIMALS (TOE CLIP) -

ALL MICE SEEMED QUITE REDDISH BELOW. 3
MICROTUS + SONG + SAVANNAH SPARROWS ALSO
TAKEN IN 100 TRAPS. THE 2 HEAVIEST OF LEITHROS
HAD TESTES 2x4 mm WITH EPID. TUBULES NOT VISIBLE
MACROSCOPICALLY, BUT THE ^{LIGHTER} ~~SAVANA~~ ONES HAD
TESTES 3x5 AND 3x6 mm WITH EPID. TUBULES FAINTLY
VISIBLE IN 2 OR 3 SPECIMENS. THIS SEEMS TO INDICATE
SOME SORT OF A DIFF. IN BREEDING TIME BETWEEN
LIGHTER (= YOUNGER?) AND HEAVIER (= OLDER?) MICE.
THE 3 ♀'S HAD NO EMB'S (1 SPEC.) OR OLD PLAC. SCARS
(2 SPEC'S). NONE OF ANIMALS WAS ESPECIALLY FAT.
NONE SEEMED TOO MUCH INFESTED WITH MITES.

A.C. Ziehm
1959

(2)

REITHRODONTOMYS RAVIVENTRIS

PASO'S
JULY 7 & 8

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

SEVERAL TAKEN BY GEO. F. FISHER ON OR NEAR
MOSTLY ARE REDDISH ON VENTER.
STUDY AREA. ONLY THE LARGEST SHOWED THE
SMIGHTEST BIT OF FAT. TOOK ALSO MICROTUS & MUS.

S BANK MOUTH SAN RAFAEL CREEK, ETC.

JULY 8 SEE JOURNAL THIS DATE. (NO RAVIVENTRIS
TAKEN THIS MARSH LOCALITY!)

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

JULY 18
& 19

11 OR 12 TAKEN THERE 2 DAYS IN SAND
PRAIRIES BY GEO. F. FISHER. 2 SAVED AS COMPS
SKEL. ONLY. ONLY LARGEST 1 OR 2 SHOWED
ANY FAT. Mammary tissue heavy on 2 ♀s.
REITHRO. MICROTUS ALSO TAKEN (5). THE
RAVIVENTRIS SEEM GENERALLY LARGER & OF
COURSE, DARKER (& RED-BELLIED) THAN THE
MICROTUS. THE FORMER ALSO HAVE LONG,
DARK GUARD HAIRS, EVEN IN YOUNG MICE, THAT
THE MICROTUS SEEM TO ALMOST LACK.

R.C. ZIEGLER
1958

PEROMYSCUS CRINITUS

STONEWALL PASS, 4700[±] FT., NYC CO., NEVADA

JUNE 30 TOOK 2 AD. & 2 YG. IN LIVE TRAPS PERSONALLY
DR. QUINN & DENNIS MAY HAVE OBTAINED A FEW
MORE. THIS LOCALITY WITHIN 100-150 YARDS
OF SMALL ROCKY OUTCROPPINGS. OTHER AREAS
(I.E. 4.2 MI. S... AND 4.2 MI. N...) YIELDED NO
CRINITUS, TO ME AT LEAST, ~~PERHAPS~~ ALTHO
GROUND WAS ONLY SLIGHTLY MORE OPEN OF
BUSHES THAN THAT AT PASS. PERHAPS THE
ROCKY AREAS ACCOUNT FOR THIS SPECIES
BEING CAUGHT ONLY AT PASS.

A.C. ZIEGLER
1959

PEROMYSCUS CREMICUS

FREEMAN CANYON, 4700⁺ FT., 1.8 MI (BY ROAD) SE WANDER PASS, KERN CO., CA.

JUNE 28 TOOK AT LEAST 3 AD. & 1 YG ALONG
WITH P. TRUEI, P. MANICULATUS, ONYCHOMYS,
NEOTOMA LEPIDA & DIPLODONTOMYS
TRUEI WERE DARKER, BIGGER-EARED, BLACK-
EYE-RINGED. THOUGHT THESE 4 SPECIES MIGHT BE
BOYLEI SO DR. BENSON CHECKED CHEEKED
SKULL OF THE YG. & DECIDED CREMICUS.
TOOTH ROW SHORTER THAN THAT OF BOYLEI.
3 ADULTS GIVEN ^{ALIVE} TO MARTIN MURIE OF MUSE
FOR PHYSIOLOGICAL WORK. MAY EVENTUALLY
GET BACK TO MUSE COLLECTION. WANDER PASS
IS APPARENTLY A NEW LOCALITY RECORD
FOR CREMICUS IN MUSE. TAKEN BEFORE IN
MUCH LOWER SITUATIONS SUCH AS JERRY
VANNEY FLOOR, etc.

A.C. ZIEGLER
1959

PEROMYSCUS MANICULATUS

POKER FLAT, 5000⁺ FT., 12 MI. NW HART CAMP, S. S. & YU CO., CALIF.

AUG. 8
THRU 15

THESE SEEM LARGER, LONGER TAILED & LONGER-EARED THAN THOSE FROM AROUND BERKELEY & FROM OTHER LOCATIONS. THE ♂♂ ARE IN BREEDING CONDITION, BUT ONE ♀ EXAMINED SEEM TO BE JUST FINISHING MATING. SEVERAL GREY YOUNG ARE ABOUT. SEE ADULTS AT NIGHT IN BUSHES AROUND CAMP.

BUTT CREEK 4300⁺ FT., 8 MI. S CHESTER, PUNABO CO., CALIF.

AUG. 17
THRU 20

ONLY 5 OR 6 TAKEN IN THE AREA MAPPED HERE. STILL, THEY SEEM THUS THE 2ND COMMONEST MAMMAL IN AREA - C. LATROPUS BEING MOST COMMON.

A.C. ZIEGLER
1959

PEROMYSCUS TRUEI

EAST ENTRANCE PINNACLES NAT'L MON., 1100⁺ FT., SAN BENITO CO., CALIF.

AND

12 MI. (BY ROAD) SSE PAICINES, 1100⁺ FT., SAN BENITO CO., CALIF.

MAR 22. THIS SPECIES FAIRLY COMMON ON THE LOWER BRUSHY SLOPES OF HILLSIDES AT THESE LOCATIONS. THE HIGHER, MORE OPEN SLOPES WITH SCATTERED BUSHES (I.E. PLACES WHICH YOU CAN WALK ^{THAT} WAY TOO MUCH ~~TRouble~~) SEEM TO LACK THIS SPECIES, FOR THE MOST PART, AND THE DIPSOSAURUS & POSSIBLY PEROM. MANICULATUS BECOME THE COMMONER ANIMALS. THE ♂♂ CAUGHT THIS DATE HAD TESTES AVERAGING 6 x 9 mm WITH VISIBLE GLAND. TUBULES. THE ♀♀ HAD RATHER OLD SCARS & WERE NOT MATE-PAIRING.

FREEMAN CANYON, 4700⁺ FT., 1.8 MI. (BY ROAD) SE WILKES PASS, Kern Co., CALIF.

JUNE 28 ABOUT 15 TAKEN BY PARTY IN BRUSHY SANDY AREA WITH MUCH YUCCA. ANOTHER PEROMYSCUS WHICH ~~PROBABLY IS~~ ^{PROBABLY IS} ~~NOT~~ EROMICUS, ^{OR ~~OTHER~~} ALSO TAKEN IN AREA — 4 SAVED ALIVE.

A.C. ZIEGLER
1959

ONYCHOMYS TORRIDUS

FREEMAN CANYON, 4700[±] FT, 1.8 MI. (BY ROAD) SE WILKES PASS, KERN CO., CALIF.

JUNE 28

1 ADULT ♂ & 2 UNSEXED YOUNG TAKEN IN
SNOW WEEDS IN SAND - YUCCA - BRUSH AREA. 3 OR
4 MORE TAKEN BY PAUL IN LIVE WEEDS I THINK.

PEROM. TRUEI, P. GREGGII, D. DO ~~ADAMANTIUS~~

& NEOTOMA LEWISII WERE COMMON AN. MAMMS HERE.

A.C. ZIEGLER
1959

NEOTOMA LEP. OA

12 MI. (BY ROAD) SSE PAICINES, 1100⁺ FT., SAN BENITO CO., CALIF.

MAR. 22 1 LARVAING ♀ TAKEN BESIDE ROAD IN MUS. SPEC.
STICK NEST SEEN IN BUSHES ^{ALONG ROAD EMBANKMENT} ABOUT 75 YARDS AWAY
WHICH MIGHT HAVE BEEN OF THIS SPECIES.
COMMONEST ASSOCIATED MAMMALS WERE PEROM. TRUEI
+ REITHROD.

FREEMAN CANYON 4700⁺ FT., 1.8 MI. (BY ROAD) SE WALKER PASS, KERN CO., CALIF.

JUNE 28 4 TAKEN AROUND BASES OF YUCCA WHERE
THEIR NESTS WERE FAIRLY COMMON. OTHER
MEMBERS OF PARTY GOT A COUPLE MORE IN SAME
AREA. COMMON ASSOC'D MAMMALS: PEROM. TRUEI
ONYCHOMYS + D. NO PANAMINTINUS.

A.C. ZIEGLER
1959

MICROTUS LONGICAUDUS

POKER FLAT, 5000⁺ FT., 12 MI. NW HAPPY CAMP, SISKIYOU CO., CALIF.

AUG. 9 ONE TAKEN IN WET SWAMP SOMETIME BTW.
3 PM + 7 PM. WAS SURPRISED TO FIND IT HAD
10-MM ~~EMB~~ EMB'S. SINCE SNOW MUST SET IN
EARLY IN THIS AREA BUT MAYBE A COUPLE
OF MONTHS BEFORE SNOW IS TIME ENOUGH TO
BRING OFF LITTERS.

A.C. ZIEGLER
1969

MUS MUSCULUS

Brooks Island, Contra Costa Co., California.

FEB 7

ABOUT 40 TOWNS BTW. 3 & 5 AM ON ISLAND.
A FEW Microtus TAKEN IN SAME NEARINGS.
THE MUS WERE ALL FAIRLY FAT BUT NONE
WAS BREEDING — THE 10 SPECIES PROXIES
FOR MUSE WERE PICKED AT RANDOM FROM
THE TOTAL CATCH. MUS STILL COMMON ON
AND EXCEPT POSSIBLY THE VERY HIGHEST
PARTS OF ISLAND. OUR SPECIES WERE TAKEN
AT ABOUT 10 FEET AND FROM ON UP TO 50
OR 80 FEET.

A.C. ZIEGLER
1959

BERNARDUS BAIROI

①

COAST NEAR SAN FRANCISCO, CALIFORNIA

FEB. 23

SAW SKULL OF ♂ TAKEN IN 1957
WHALING SEASON BY DEN MONTE FISHING
CO. DR. GILMORE MEASURED SKULL &
I THINK HIS TOTAL LENGTH CAME OUT
1650 MM. I DID NOT SEE THE LARGE
TOOTH AT TOP OF LOWER MANIBULUS AS IT
HAD BEEN REMOVED FOR SAFEGUARDING BY
MR. CARO. 2ND TOOTH PROTRUDING ONLY AN
INCH OR SO ABOVE MAND. BONE BUT
SEEMED TO WIDEN OUT WHOLELY IN THE JAWED.
THE ANIMAL'S ^{TOTAL LENGTH} ~~WEIGHT~~ WAS 36 FT. ~~WEIGHT~~
THE SKULL HAD 1 ZYGOMAXILLARY BONE
OFF — THE OTHER WAS ONLY 6 INCHES
LONG OR SO & COVERED ABOVE BY PROTECTIVE
BONES OF THE SKULL CAP. THE SKULL
WAS NOT NOTICEABLY ASYMMETRICAL IN
GENERAL APPEARANCE. ^(WEIGHED PROBABLY 200 ± LBS) SKULL HAD BEEN
STEAM-BOILED IN A LARGE TANK & EAR
BONES HAD APPARENTLY BEEN LOST OR
DISCARDED. THE MEN ON THE KILLER BOAT
SAID THEY OCCASIONALLY SAW THESE WHALES
BUT ALWAYS IN GROUPS OF 10-30⁺, NEVER SOLY.
THE SPOUT WAS SAID TO BE LOW (3-4 FT?) &
"BUSHY". NAMES THEY USED FOR THIS ANIMAL
WERE "BOTTLE-NOSE WHALE" AND "BEAKED
SPERM WHALE".

J. E. ZIEGLER
1959

BERGADUS BAIROI

(2)

OFF FARALLON ISLANDS, SAN FRANCISCO CO., CALIF.

SEPT. 17

WHALE WAS 37 FT. OR TAKEN JUST WITHIN
SIGHT OF ONE OF THE FARALLON IS. & TO
THE SOUTH OF IT. EDWINE ROSENBLUM, A GRAD
STUDENT IN ZOO AT U.C. WHO ALSO WORKS AT
WHALING STA. WENT OUT ON THE BOAT FOR
THE FIRST TIME THE TRIP WHALE WAS
TAKEN. HE GAVE ^{LOCALITY &} FOLLOWING DATA:

" TAKEN FROM A GROUP OF 4. NO LARGER
(ALBEN OR SPERM) WHALES SEEN SO THIS
ONE TAKEN RATHER THAN BOAT RETURNING
EMPTY. APPARENTLY THERE IS SOMETHING ABOUT
THIS WHALES OIL THAT MAKES IT UNDESIRABLE
TO ADD TO THAT OF OTHER WHALES. PENIS
EXTENDED AS ANIMAN WAS BLOWN UP WITH
AIR TO KEEP IT Afloat. TAKEN ABOUT
6:00 PM SEPT. 17. LOOKED BROWNISH WHEN
TAKEN. HAD A 2 FT. DIA. WHITISH SPOT
AROUND NAVEL. TONGUE PINKISH. NO
SOUNDS NOTICED FROM WHALE. "

ED TOOK 2 ROLLS OF MOTION PICTURE
FILM OF CAPTURE BUT HAS NOT SEEN
PRINTS YET.

THE CUT-UP BLUBBER OF ANIMAN WAS
SEEN IN THE RENDERING CO. AND NOW
IT APPEARED SLATTY-BLACK WITH WHITISH
SCRATCHES ON IT. SKIN ON SKULL ALSO
THE SAME COLOR. IT WAS NOT NOTICED WHEN

A.C. ZIEGLER
1959

(3)

BERGIOUS BRADY

off Farallon Islands, San Francisco Co., Calif.

SEPT. 17
(CONT)

SCRATCHES WERE PAIRED OR NOT. AS FAR AS I KNOW NO PHOTOS WERE TAKEN AFTER WHALE WAS BROT ASHORE. FORE-PAIR OF TEETH STUCK UP ABOVE GUM A COUPLE OF INCHES BUT REAR TEETH (AT LEAST THE LEFT - THE ONLY ONE LOOKED AT) WERE VISIBLE AT THE GUM LINE BUT FLUSH WITH THE GUM - SEARCHED FOR VESTIGIAL TEETH BEFORE & AFTER BOILING BUT FOUND NONE. NO BRISTLE NOTICED ON SKULL. MR. DALE^{W.} RICE OF FISH & WILDLIFE SERVICE GAVE FOLLOWING INFO., MEAS. & SKETCHES. (taken from his notes):

"CELESTIAN SPECIMEN #143 (on RICE'S MEMO'S SHEET)

BERGIOUS BRADY LENGTH — 11.20 m
(37')

→ SEPT. 17, 1959

COLL. BOB NEWTON "LYNN ANN"

BLUBBER THICKNESS — BACK 14 cm

BELLY 14 cm

SIDE 12 cm

["BLUB." = 10% TOTAL LENGTH IN FRONT OF DORSAL FIN

"BELLY" = FEW FT. ANTERIOR TO GENITAL OPENING

"SIDE" = OPPOSITE "BELLY" MEASURING SPOT]

PARASITES: CONCHOSOMA AURIVUM - MANY
ON ANTERIOR TEETH (ALL COLLECTION)

CYAMIDS - FEW SCATTERED ON BODY; MANY

S. P. ZIEGLER
1959

BERNARDUS BAIROI

(+)

OFF FARALLON ISLANDS, SAN FRANCISCO CO., CALIFORNIA

SEAT. 17
(CONT)

AMONG BARNACLES ON GUMS [= ON BASE OF TEETH?]

AROUND ANTERIOR TEETH (MANY COLLECTED).

CYSTS IN BLUBBER - 2 COLLECTED.

LAMPREY SCARS - FAIR NUMBER.

TESTES: LEFT 3.56 KG. (38 X 17 X 10 CM)

RIGHT 3.14 KG. (35 X 17 X 9 CM)

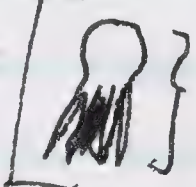
TOTAL 6.70 KG.

STOMACH CONTENTS: QUANTITY - VERY LITTLE
SPECIES - 1 SKATE EGG

MANY CEPHALOPOD LENSES

[ABOUT $\frac{1}{4}$ TO $\frac{1}{2}$ IN. IN DIA.]

NO BEANS! OR PEAS

1 SMALL OCTOPUS  } 100⁺ mm

MANY FRAG'S OF [PARTIALITY]

DIGESTED SMALL CEPHALOPOD ARMS

[1-2 IN. LONG X SMALL IN DIA.]

ENDOPARASITES: STOMACH - NEMATODES VERY
ABUNDANT.

INTESTINE - NONE

LIVER - NONE

KIDNEYS - NONE

VERTEBRAL EPIPHYSSES: ALL COMPLETELY FUSED

MEASUREMENTS: [TAKEN ON STRAIGHT LINE - NOT
ALONG CURVATURE OF BODY]

TIP OF SNOUT TO MIDLINE OF POST. MARGIN OF FURROW 36'9"

" TIP DORSAL FIN 26'6"

A.P. ZIEGLER
1959

BERARDIUS BAIARDI

(5)

off FARALLON ISLANDS, SAN FRANCISCO CO. CALIF.

SEPT. 17
(CONT)

TIP OF SNOUT TO BLOWHOLE [ANTERIOR EDGE]	3' 11"
" GNAW (INTERNAL)	2' 1"
" GNAW (EXTERNAL)	2' 3 $\frac{2}{3}$ "
" EYE [MIDDLE OF]	3' 6 $\frac{1}{2}$ "
" BASE OF FLIPPER [= ANTERIOR EDGE OF BASE]	6' 3"
" AXILLA [= POSTERIOR CORNER OF BASE]	8' 2"
PROJECTION OF LOWER JAW	6"
EYE TO EAR [CENTER TO CENTER]	8"
LENGTH OF EYE [= LENGTH EYELID SLIT ??]	45 mm
SPAN OF FLUKES (POSTERIOR MIDLINE TO TIP X 2)	9' 10"
MAXIMUM BREADTH OF FLUKE - DIAGONAL	2' 7"
MIDLINE POST. MARG. FLUKES TO UMBILICUS [MIDDLE]	21' 3"
"	BASE PENIS [POST CORNER?] 12' 10"
"	ANUS [CENTER] 10' 5"

FLIPPER [LEFT ??] :

MAXIMUM BREADTH	.48 m
ANTERIOR LENGTH	1.39 m
AXILLARY LENGTH	.95 m
BREADTH AT BASE [ANT. POST - see diag.]	1' 11"

DOGSOL FIN: -

HEIGHT -	30 cm
LENGTH -	75 cm

THROAT GROOVES (2) :

[ANTERIOR END] DISTANCE FROM TIP LOWER JAW	.46 m
LENGTH	.66 m

LENGTH PENIS :	.74 m
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A.C. ZIEGLER
1959

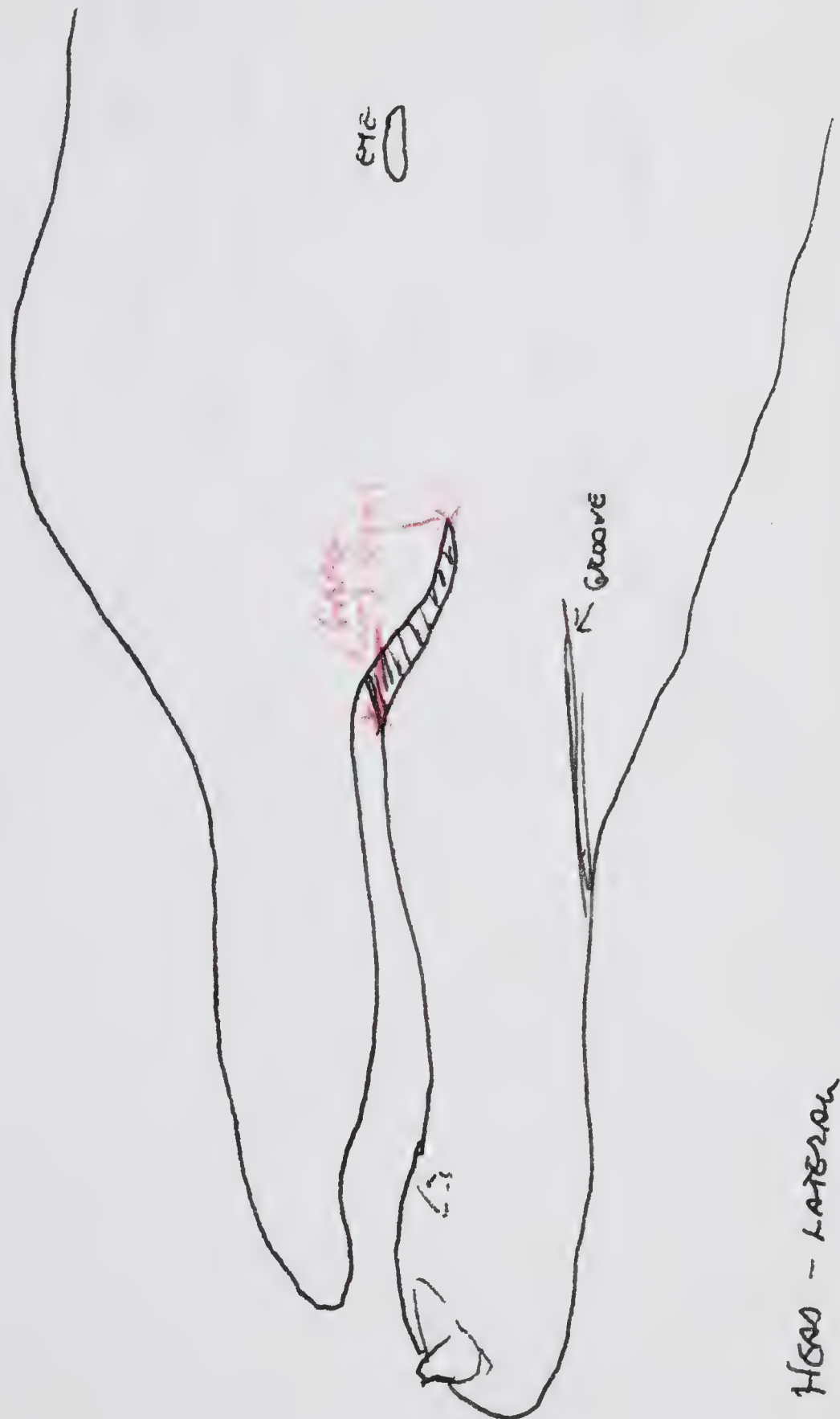
BERAROUS BAIRO

off Farallon Islands, San Francisco Co., Calif.

Sept. 17
(CONT.)

off

etc



GROOVE

H500 - LATERAL

TRACED BY SKETCH BY DR. RICE

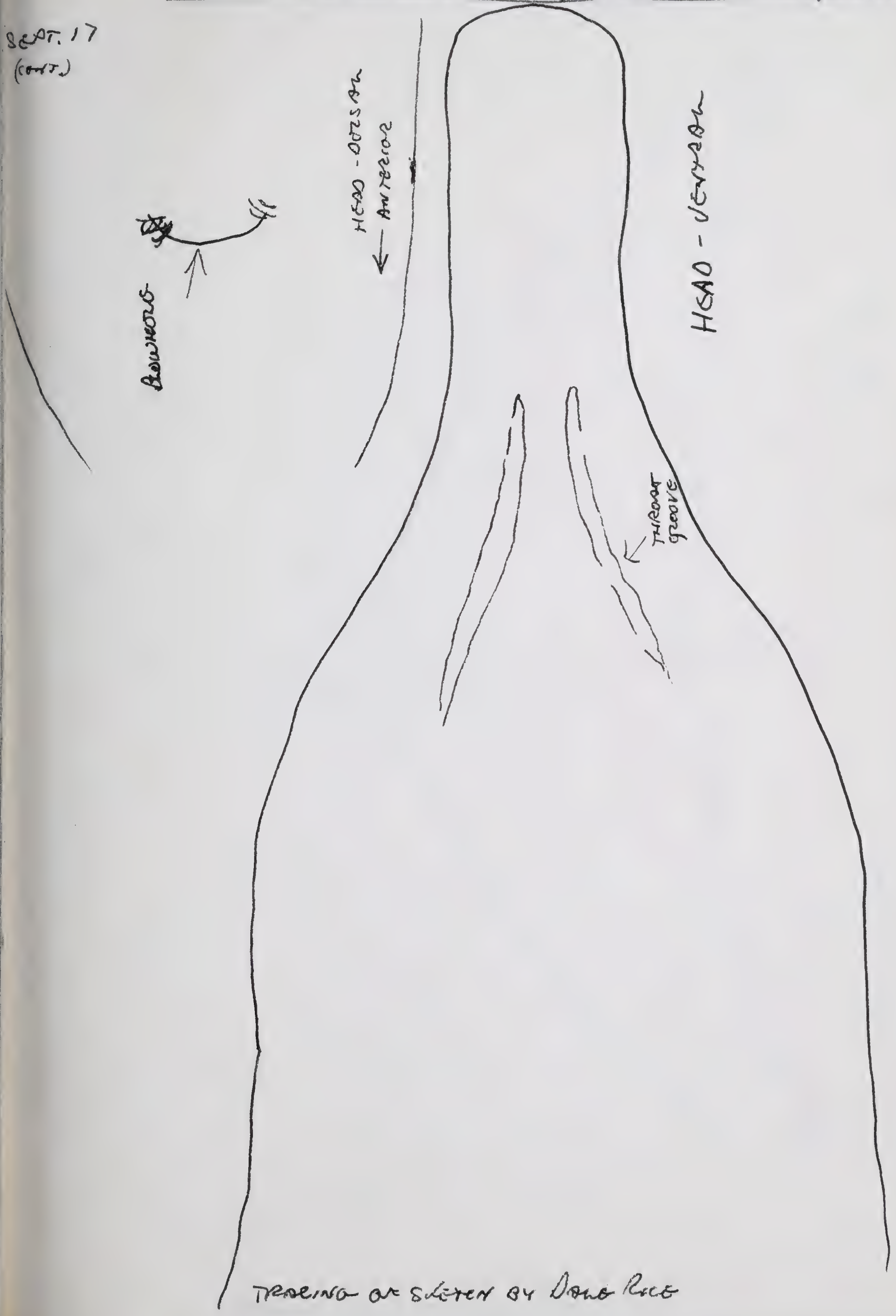
J.P. ZIEGLER
1959

BERNARDUS BAIARDI

⑦

off Farallon Islands, San Francisco Co. Calif.

SEPT. 17
(CONT.)



TRACING OF SKETCH BY DANA RICE

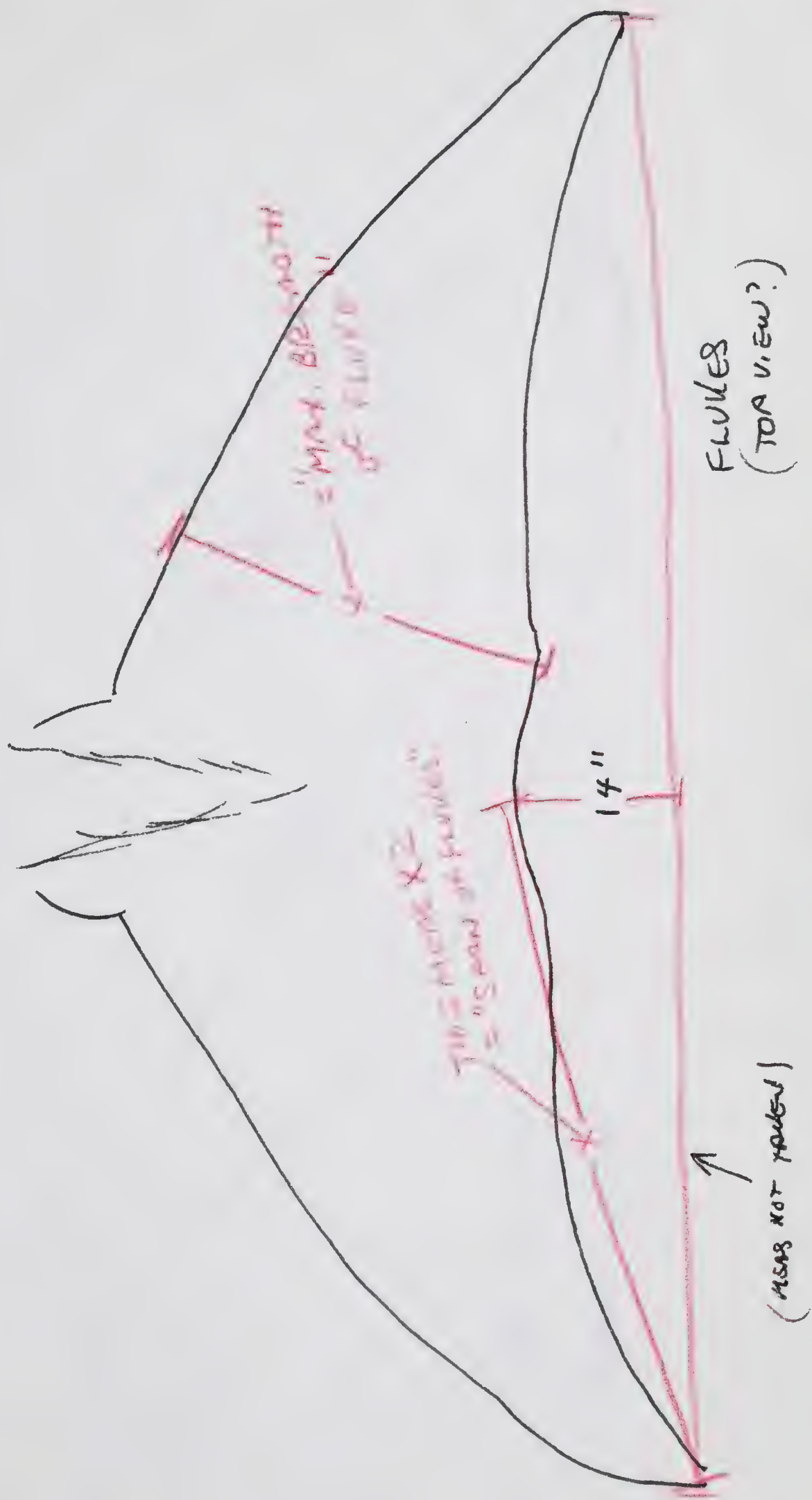
P. ZIEGLER
1959

BERAROUS BAIAO.

⑧

at FARMHOUSE ISLANDS, SAN FRANCISCO CO., CALIF.

SECT. 17
(CONT.)



TRACING OF SKETCH BY DALE RICE

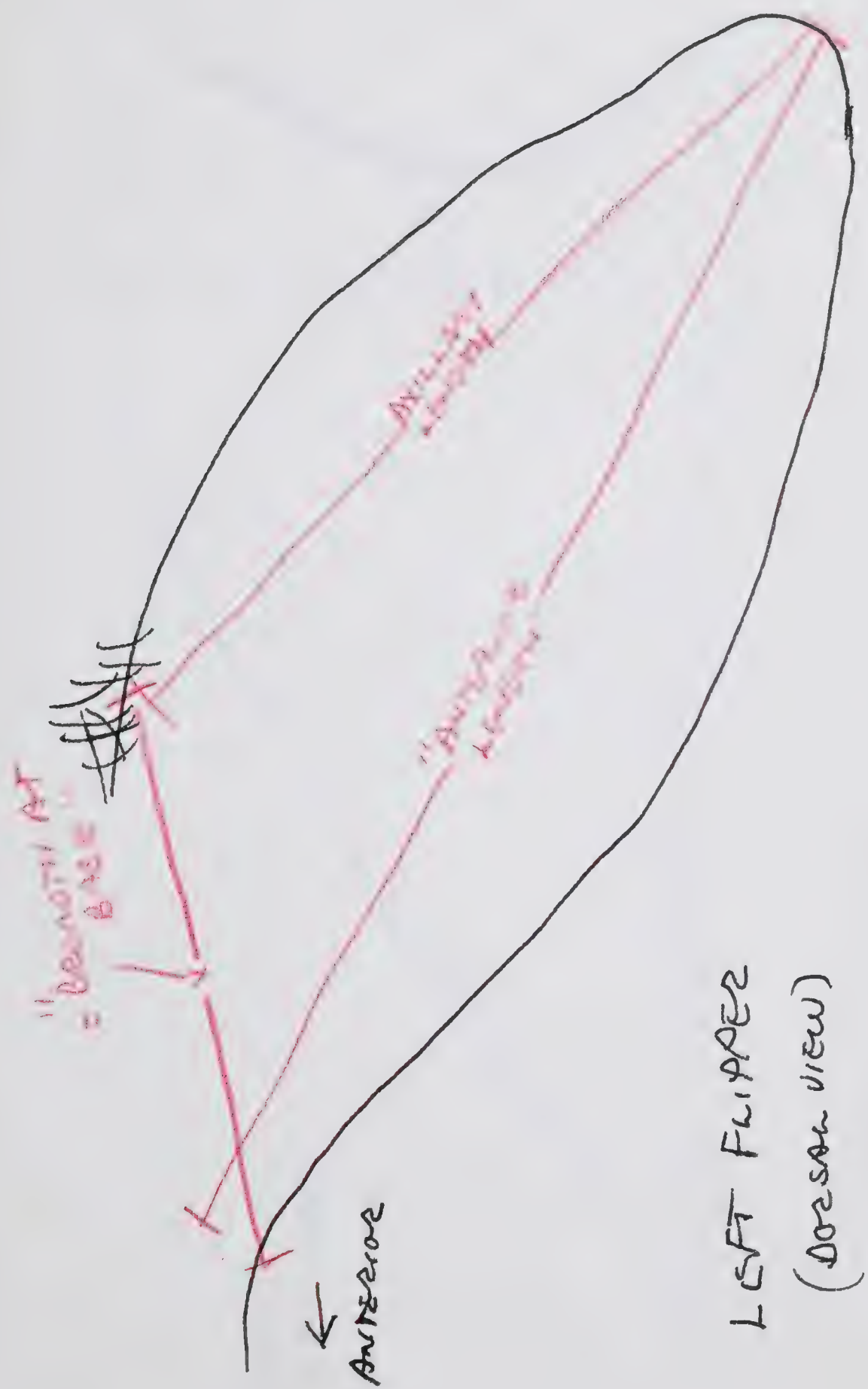
A.C. ZIEGLER
1959

BERARDIUS BAMBI

③

OFF FARALLON ISLANDS, SAN FRANCISCO CO, CALIF.

SEP. 17
(CONT)



TRACING OF SKETCH BY DALE RICE

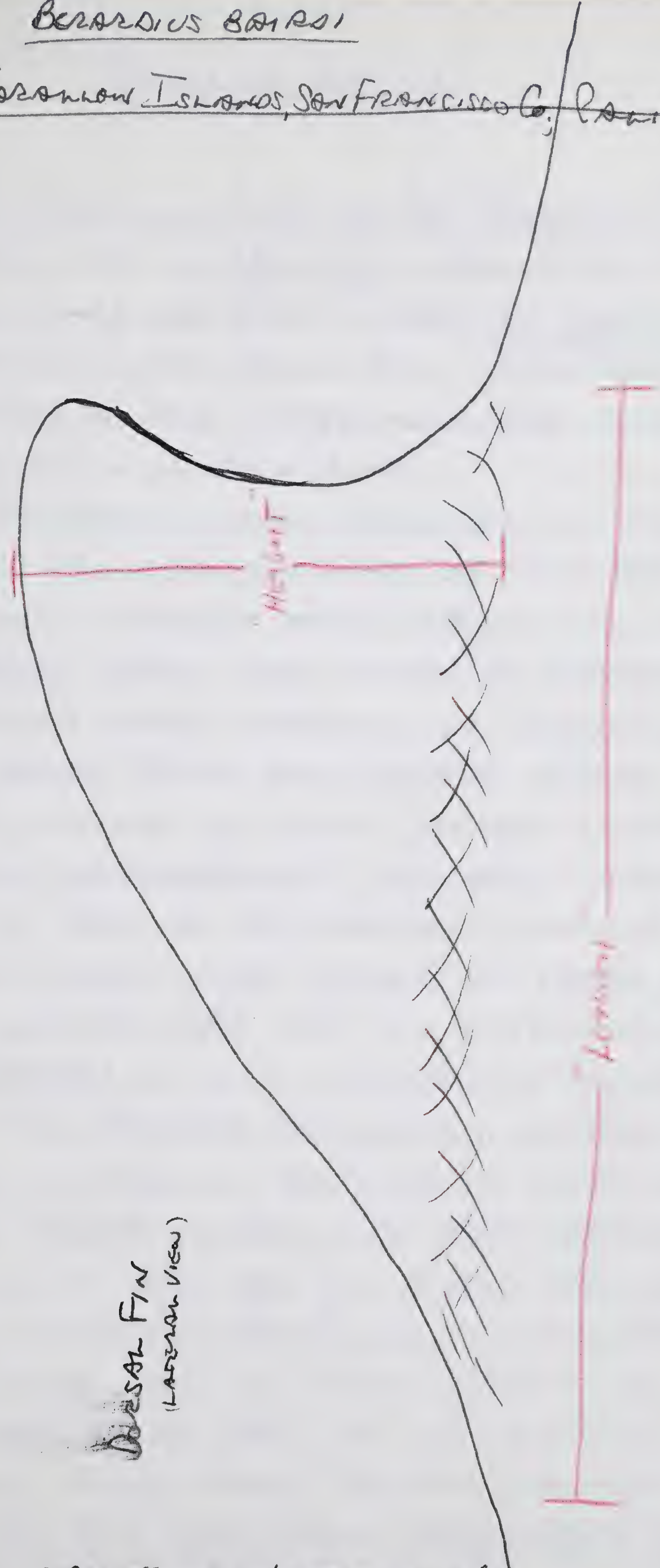
J.P. ZIEGLER
1959

SECT. 17
(CONT.)

BERARDIUS BAIROI

(6)

OFF Farallon Islands, San Francisco Co., Calif.



Dorsal Fin
(Lateral View)

Tracing of sketch by J. P. Ziegler.



A.C. ZIEGLER
1959

(11)

BESARNOUS BAYARD

at Farallon Islands, San Francisco Co., Calif.

Sept. 17
(cont.)

THE INFO. IN BRACKETS AMONG THE PRECED-
ING MEAS'S HAS BEEN ADDED BY MYSELF ^{WHILE} ~~BEING~~
TALKING WITH JANE RICE. ^(INFO IN PARENTHESES IS HIS) THE RED ANNO-
TATIONS ON THE DIAGRAMS WERE ADDED UNDER
SUPERVISION OF RICE ALSO.

AT SOME TIME EARLIER IN THE SEASON
RICE HAD BEEN ON ONE OF THE BOATS
WHEN IT PASSED THROUGH A GROUP OF THIS
SPECIES. NONE WAS TAKEN AS LARGER
WHALES WERE OBSERVED AT THIS TIME.
I THINK RICE SAID THERE WERE ABOUT
20 WHALES IN GROUP ALTHO I MAY NOT
HAVE REMEMBERED NUMBER CORRECTLY.
— IT WAS A RELATIVELY LARGE # THO,
RICE SAID THE COLOR OF THESE WHALES
IN WATER WAS NOT BLACKISH BUT RATHER
A BROWN WITH A YELLOWISH TINGE.

BILL MAHER COLLECTED A FEW WHOLE
LICE (CYTHINIDS) FROM AROUND LOWER TAIL OF
THE PRESENT SPECIMEN JUST BEFORE WE
BOILED IT. HE ALSO GOT A FEW INCH-LONG,
THIN, PINKISH (ROUNDED) WORMS FROM JUST INSIDE
BLOWHOLE. ALL OF THESE WERE TO BE SENT
BY HIM TO A PROF. AT UCLA, OR USC, I
THINK. NONE WERE PRESERVED HERE AT V.I.

AS FAR AS I KNOW, MAJORS ADDRESS OF JANE RICE:
BIOLOGIST, U.S. FISH & WILDLIFE SERVICE, SANO FOINER MARINE
AIR STATION, BNOG. 192, SEATTLE 15, WASH.

A.C. ZIEGLER
1958

PHYSTER CATODON

off Farallon Islands, San Francisco Co., Calif

Spec 10

LEFT RAMUS OF LOWER JAW HAD ABOUT 22 TEETH, OTHER RAMUS HAD 23 APPARENTLY ACCORDING TO ED ROSENBLUM. RAMUS (MINUS AREA AROUND CONDYLE) WAS 6 FT. LONG. TEETH STUCK UP ONLY AN INCH TO $1\frac{1}{2}$ INCH ABOVE GUM AND WERE ABOUT AN INCH IN DIA. AT GUM LINE. ABOUT 3-4 INCHES WERE EMBEDDED IN GUM AND EXTENDED DOWN INTO THE "ALVEOLAR GROOVE." NERVE EXPOSED IN PULP-CAVITY WHEN SAWING UP JAW INTO 3 PIECES (TO FIT COOKING POT). TEETH, AS SHOWN SOME WERE. ANIMAL'S TOTAL LENGTH GIVEN AS 39 FT. & SEX AS MALE. NO OTHER DATA.

A.C. ZIEGLER
1959

ESCHERICHIVUS GLAUCUS

①

OFF HALF MOON BAY, SAN MATEO CO., CALIFORNIA

FEB 23

1 ♀ WITH 40⁺ (CR) mm EMB. TAKEN OFF
COAST NEAR SAN FRANCISCO BY DEL MONTE FISH.
CO. EMB. SHOWED POINTED TAIL WITH NO FRUKES
AND NO EXT. EVIDENCE OF HIND LIMBS. ^(EMB AT 6-8 WEEKS OF PREGNANCY) ADULT
WAS 42 FT. LONG ~~WEIGHED 18 TONS~~. WT. INCREASES
GREATLY, TWO, IN RELATION TO LENGTH IN THE
~~LONGER~~ ~~ANIMALS~~ ANIMALS. THE HEART WEIGHED 350#.
DR. GILMORE & CHUCK CAITO SAID THE
WHALE HAD ONLY A COUPLE OF BARNACLES
ON IT & ONLY A FEW WHALE "LICE". AT
SNOUT, HOWEVER, THERE WERE ^{MANY} PIN-HEAD
SIZE BARNACLES IN CLUSTERS WITH THE
SNEEL-TOES ~~WERE~~ ^{WERE} A SHADE BELOW THE
SKIN. THE WORKERS SEEMED TO THINK THAT
THESE WERE NOT JUST SMALL BARNACLES
FILLING UP AN EMPTY SOCKET LEFT WHEN
A FEW LARGE BARNACLES JAWDED OFF.
ALL OF THE TINY BARNACLES WERE ABOUT
THE SAME SIZE. I FOUND ^{WHITISH} $\frac{1}{2}$ INCH BRISTLES
IN A SEMBLANCE OF ROWS ~~ACROSS~~ ^{RUNNING} ACROSS
THE ~~OFFER~~ SNOUT OF THE CRANIUM (MAND.
NOT SEEN). BRISTLES WERE ROUGHLY ~~SIX~~ TWO
INCHES ~~APART~~ ~~BOTH~~ ^{BOTH} ~~WAYS~~ ^{WAYS}. DR. GILMORE SAID
THE STOMACH HELD ONLY 10 OR 15 GALS OF
GREENISH WATER & INTESTINES HAD NO FECEES.
HE SAID THE WHALES FED IN ARCTIC WATERS
FOR FOUR MONTHS IN SUMMER & SPENT

A. C. ZIEGLER
1959

(2)

ESCHRICHTIUS GLAUCUS

OFF HALF MOON BAY, SAN MATEO CO., CALIFORNIA

FEB. 23
(CONT'D)

THE REST OF TIME MIGRATING SOUTH TO
BLOSS^(INJAN). THEY DID NOT^{NORMALLY} FEED FOR THIS 8
MO. PERIOD ANYMORE. IF THEY DID RUN INTO
A SCHOON OF FISH OR "KILL" THEY MIGHT
EAT. SAW THE PELVIC BONES WHICH DR
BILMORE HAD BOILED OUT. THEY WERE
SIMILAR TO THOSE OF MEGASTRUS (IN
MUSE) BUT "DEEPER" (NOT^{TOO MUCH} ^{THICKER}) IN THE ELBOW
REGION.

OFF POINT REYES, MARIN CO., CALIFORNIA

FEB 26 ♂ WITH 70X180mm TESTES TAKEN TODAY BY DEL
MONTE FISHING CO., WT. , TOTAL LENGTH 39 FT.
THIS WHALE HAD MORE + LARGER BARNACLES
THAN THE FEB. 23 ONE. MANY "LICE" ALSO.
THE ~~BARNACLES~~ BARNACLES WERE ABOUT 1 TO 1 1/2
IN. IN DIA AND WERE CLUSTERED ONLY (?) ON
THE CRANIUM + SNOUT. NO MANY BARNACLES
SUCH AS WERE FOUND ON 1ST WHALE WERE SEEN
ON THIS ONE, HOWEVER THE SAME TYPE OF
SUNKEN ONES WERE SEEN BUT WERE ABOUT 1/2 IN.
IN DIA. + LESS CROWDED THAN THE ~~ONE~~ ^{THAT}
- IT ALMOST SEEMED AS IF THE MANY
BARNACLES HAD GROWN UP + THINNED OUT. TWO
TYPES OF WHALE "LICE" WERE FOUND. LARGE
(UP TO 3/4 IN) ONES AROUND BASE OF BARNACLES ON
HEAD + VERY THINLY SCATTERED ON BODY +

A.C. ZIEGLER
1959

ESCHERICHIVUS GLAUCUS

(3)

OFF POINT REYES, MARIN CO., CALIFORNIA

FEB. 26
(CONT'D)

EXTREMITIES AND SNAPPER, SWIMMER ONES
FASTENED HEAD IN AROUND FOLDS OF SKIN
(SUCH AS ANUS + AIDS BESIDE PENIS) WITH LONG
APPENDAGES PROJEETING TOWARDS, OR OUT OF,
OPENING OF FOLD. THE MICRO-HABITAT DIFF'S
IN THE TWO TYPES MAY NOT HAVE BEEN
COMPLETELY EXCLUSIVE BUT THE SEPARATION
~~OF ^{LOCATION} POSITION~~ WAS QUITE NOTICEABLE. DR.
GILMORE SAID ^{ON} THE WHIS WERE DEVORIOUS
FEEDERS + DID NOT USE ANY OF WHALES
BODY ^{OR FLUIDS} IN FEEDING. A FELLOW EMPLOYEE APPARENTLY
BY SOME WHALING ORGANIZATION WAS
MEASURING + TAKING SAMPLES FROM
WHALE ALSO. HIS NAME WAS CARL DIETRICH
+ HOME BASE WAS ON VANCOUVER ISLAND
HE SEEMED TO REALLY KNOW WHAT HE WAS
TALKING ABOUT KNOWING. HE POINTED OUT
GROOVES ON INNER SIDE OF MANDIBLE WHICH
MATCHED THE OUTER (SMOOTH) EDGE OF THE
UPPER JAW BALANCE PLATES + SAID THESE
GROOVES OCCURRED ONLY ON THE GRAY WHALES.
HE SAID THE RIGHT SIDE BALANCE TENDS
TO BE SLIGHT LARGER ("MORE DEVELOPED") THAN
THE LEFT AND THAT THERE WAS MORE AGMEN-
TATION ON THE ^{IN} RIGHT INNER MANDIBLE THAN
ON THE LEFT. HE ALSO DESCRIBED SOME DIFF.
IN PIGMENTATION OF THE BALANCE PLATES OF THE

2.7.50.32
1959

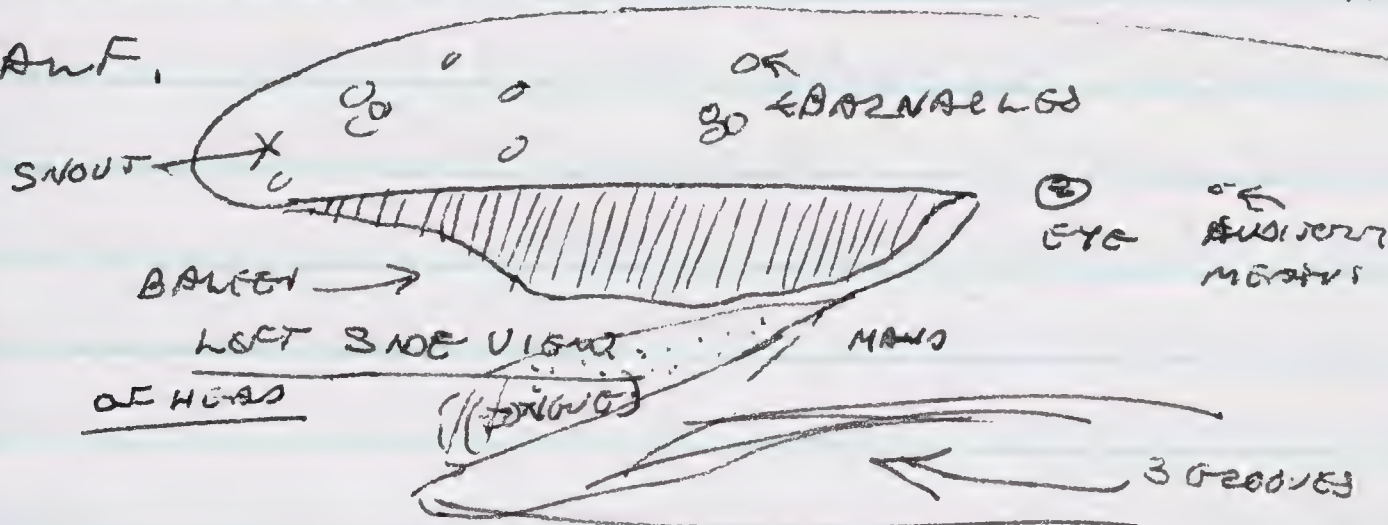
ESCHERICHTHUS GRACILIS

(4)

FEB. 26
(CONT'D)

OFF POINT ROYES, MARIN CO., CALIFORNIA

2 SIDES OF UPPER JAW BUT I DID NOT QUITE FOLLOW THIS. THE BONE PLATES OF LEFT JAW WAS 1900 MM IN LENGTH (SHOWING THE JAW, THAT IS), 380 MM FROM BASE ^{TO TIP} OF LONGEST INDIVIDUAL PLATE. (SEE SPECIMEN IN MUSE.) THERE WERE 150 ± 5 PLATES PER UPPER JAW HALF.



A.C. ZIEGLER
1959

BALAENOSTOMA BOREALIS

OFF FARALLON ISLANDS, SAN FRANCISCO CO., CALIFORNIA

AUG. 17 E.E. ROSENBLUM WHO WORKS AT GOLDEN GATE FISHING CO. IN RICHMOND SALVAGED A 3⁺ FT. ♂(?) EMBRYO FROM A 50 FT. ♀ BROT IN THE STATION. LOCALITY GIVEN HIM WAS ONLY "OFF FARALLON ISLANDS" BUT APPARENTLY ACTUAL SPOT OF CAPTURE OF MOTHER MAY HAVE BEEN WITHIN A 50 MI. RADIUS OF ISLANDS. BOATS MAY KEEP A EXACT LOGS, & LATIT. LOCALITY BUT THESE DATA ARE NOT AVAILABLE TO US NOW. EMBRYO WAS FROZEN AUG 17 AND PUT IN 10 GAL. 10% FORMALIN (& WELL INJECTED) ON AUG 31, 1959. NO MEAS'S WERE TAKEN. ACZ# 1653.

AUG. 28 ROSENBLUM BROT IN A CHUNK OF ABOUT 20 BALEEN PLATES FROM A 46 FT. ♂. FROM LOCATION OF LIP & CURVE OF PLATES THEY MUST HAVE COME FROM LEFT SIDE OF UPPER JAW. CUT OFF A BLOCK OF 10 FOR MVZ & CLEANED UP A FEW SINGLE PLATES FOR MYSELF. ROSIE SAID THE SEI WHALES ARE IDENTIFIED AT THE STATION BY THEIR LONG, FINE, ~~MAILED~~ BRISTLES ON THE INSIDE OF BALEEN PLATES. ROSIE THOT THESE PLATES WERE CLOSE TO THE LONGEST FOUND IN THIS SPECIMEN.

AL. ZIEGLER
1959

BALAENOPTERA PHYSALUS

CENTRAL CALIFORNIA COAST, CALIFORNIA

JULY 15

ED. ROSENBLUM OF ZOO DEPT. U.C. BROT IN A CHUNK OF BALEEN PLATES FOR MUSE. TAKEN FROM RT. SIDE OF MOUTH. SHOWS DIVIDING LINE BTW. WHITER PLATES, IN FRONT OF MOUTH & DARKER ONES BEHIND. ROSENBLUM SAID LONGEST PLATES ~~WAS~~ BEHIND THIS CHUNK & THOAT THEY WERE HALF ABOUT AS LONG AS THOSE HE BROT IN. ANIMAL WAS ♂, 60 FT. TOTAL LENGTH.

JULY 16

A 60⁺ FT ♀ HAD A 6 FT. EMB. COLP~~US~~ LUTEUM ABOUT 5 IN. IN DIA. ABOUT 10 OR 11 OR 20 COLPUS TOTAL. QUART ABOUT 1-1½ FT. LONG & 8 IN. THICK. THE FORWARD ¼ OF AT. VAPOR (+ LOWER?) JAW & BALEEN ARE WHITER; THE REST DARK; LEFT SIDE ALL DARK. NO PARASITES OR LICE - MEN SAID THIS SPECIES Seldom HAVE THEM. NO HAIR NOTICED ON ADULT BUT EMB. HAD 2 LINES OF BRISTLES ON VERT TIP OF CHIN. & SCATTERED BRISTLES OVER SURFACE OF SNOUT. BUT OUT PELVIC CARTILAGES OF EMB. - JUST BESIDE ANUS. COULD NOT FIND THOSE OF ADULT IN THE STRIPPED MEAT - WILL LOOK ON THE CARCASS NEXT TIME (AFTER BLUBBER IS STRIPPED). A MR. RICE, ^{U.S.} FISH & WILDLIFE, STATIONED IN SEATTLE BUT ON SUMMER DUTY

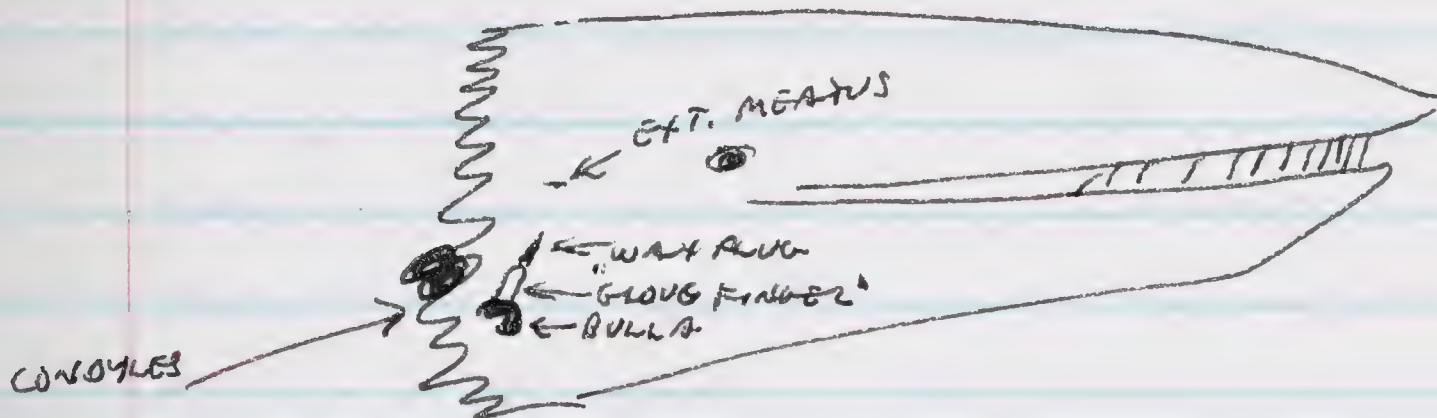
A.C. ZIEGLER
1959

BRAONOSTOMA PHYSAUS

CENTRAL CALIFORNIA COAST, CALIFORNIA

JULY 16
(CONT'D)

HERE, SHOWED ME METHOD OF DIGGING
OUT BULLAE & WAX PLUG. HEAD OF WHOLE
IS CUT OFF, MEAT & CONNECTIVE TISSUE



ABOUT 2 FT DORSOLATERAL TO OCIP,
CONOYLES IS CUT AWAY UNTIL BULLA
EXPOSED. LIGAMENTS HOLDING BULLA ARE CUT
& BULLA CROW-BARRED OUT. "GLOVE FINGER"
(TYMP. MEMB.) PULLED OUT & SLIT CUT JUST
BELOW & LATERAL TO THE CAVITY. FINGER
IS INSERTED IN CUT & WAX PLUG IS FORCED
OUT OF HOLE FORMERLY FILLED BY "GLOVE FINGER".
PLUG IS OVAL IN X-SECTION AT BIG, INNER END
BUT TAPERED OUT FOR A FOOT OR SO. THE
2/YEAR (ACC. TO RICE) RINGS OF WAX ONLY
APPEAR IN THE INNER 2 OR 3 INCHES OF
TUBE & THESE RINGS (ACTUALLY STACKED THINGS)
SEEM OF A SLIGHTLY DIFFERENT MATERIAL THAN
REST OF PLUG.

FICE SHOWED ME ~~CHAMPA~~ POINTED OUT SCAR ON
EACH C. LUTEA WHICH IS NOT PRESENT ON FOLKCHIES

A.C. ZIEGLER
1958

TALIOEA TAXUS

Corral Hollow, T. 35, R. 4E, San Joaquin Co., Calif.

APR. 29. 2 YG ANIMALS + ADULT(?) SEEN IN
Hollow BY DAN C. WINHART + JAS. O. ANDERSON
AT MVB. TIME PROBABLY ABOUT AM.
ONE OF YG ANIMALS WAS SHOT (PUT UP FOR
MVB) OTHER CAUGHT ALIVE. THE ADULT
APPARENTLY MADE SOME EFFORT TO RETRIEVE
THE YOUNG BY PULLING THEM, WITH TEETH,
BY SKIN OF NECK. THE LIVE YOUNG, IN
CAPTIVITY AT MVB, WOULD FRATTEN / BEAT
ON FLOOR OF CAGE + HISS WHEN APPROACHED.
THE YOUNG ONE THAT WAS SKINNED HAD REMAINS
OF A D. ADONIS IN STOMACH. MANY FLEAS ON
THE DEAD ANIMAL. ^{GLANDS} TESTES DID NOT PROTRUDE
ON OUTSIDE OF INGUINAL REGION BUT WAS
APPARENTLY WITHIN A POUCH. THE POUCH
WAS RATHER WELL PACKED WITH MOIST SAND.
THE BAEVUM TA JUST ABOUT REACHED
THE POUCH + SKIN EXTENDED UNDER,
+ PARALLEL ~~TO~~ SKIN OF VENTER ALMOST BACK
TO ANUS. TESTES LAY ALONG SIDES BASE OF
BAEVUM + AN INCH OR SO IN FRONT OF ANUS.
STRONG "WET-DOGBISH" ODOR TO UNSKINNED
ANIMAL BUT NO ANUS OR OTHER MUSK GLANDS
NOTED. ANIMAL STILL HAD MILK TEETH APPARENTLY
WT. WAS $9\frac{1}{2}$ LB. ACZ # 1408.

Ziegler, A.C.

1960

Catalogue

nos. 1749-1984

A.C. ZIEGLER
1960

CADDOG

8 mi. S, 2 mi. E BOOIE, 6500⁺ FT., MONO CO., CALIFORNIA

COLL'D: SEPT. 12, 1959, DIED DEC. 23, 1959

1749 ♂ ^(FEB 24 1960) MICROTUS

152-83-23-9^(W) 8.8

BERKELEY (COLUSA + MARIN CO.), ALAMEDA CO., CALIFORNIA

COLL'D: JAN 28, 1960, DIED: FEB 2, 1960 COLL. MRS

1750 ♀ ^(NO EMB) SCALOPUS HAMMONS

168-34-20-0 57.0
GERMAUX

1.7 mi. S, 1.9 mi. E ANTOS, SANTA CRUZ CO., CALIFORNIA

COLL'D: FEB 3, 1960, KILLED: FEB 5, 1960 COLL. JAS. D. ANDERSON

17510 → ^(FEB 5 1960) DIOCEPHIS

(DOY SLEN. TO DICK GRAMM)
820-355-75-56^(W) 5.6

ABOUT 1 mi. S PT. REYES STA. (MARSH ALONG OLENA CREEK), MARIN CO., CALIF.

COLL'D: AUG, 1959, KILLED: FEB. 10, 1960

COLL: GALEN SMITH
BOT. DEPT., U.C.

1752

PITUOPHIS CATENIFER

T.L. = 1070 mm S.V. = 900 mm

NO DATA WHATSOEVER AVAILABLE — REC'D FROM ANATOMY
DOCT. V.C., BERKELEY.
1753 skull only sex? HOMO SAPIENS SSP? (NOMOS) THRU MR. AMMAN.

1 mi. E ANTIOCH, CONTRA COSTA CO., CALIFORNIA

1753

FEB. 21

1754

UTA STANSBURIANA

T.L. = 132 mm, S.V. = 52 mm

1755

SCALOPUS OCCIDENTALIS

DIED: MAR 4, 1960
T.L. = 120 mm, S.V. = 60 mm

1 mi. (BY ROAD) E OAKLEY, CONTRA COSTA CO., CALIFORNIA

FEB. 21

1756

SCALOPUS OCCIDENTALIS T.L. = 135 mm, S.V. = 72 mm.

A.C. ZIEGLER
1960

CATALOG

2 MI. E ANTIOCH, CONTRA COSTA CO., CALIFORNIA

COLL'D: FEB. 21, 1960 (LAST 3 KEPT CAPTIVE)

1757	<u>ANNIELLA PULCHRA</u>	T.L. = 132 mm. S.V. = 97 mm
1758	" "	T.L. = 180 mm S.V. = 115 mm DIED: MAR 5, 1960
1759	" "	T.L. = 200 mm S.V. = 134 mm DIED: MAR 5, 1960
1760	" "	T.L. = 150 mm S.V. = 133 mm DIED:
M. JOHNSON PLUGGED MUS. → 1761	" "	T.L. = mm S.V. = mm

BERKELEY (1 MI. N LAKE TEMESCAL), ALAMEDA CO., CALIF.

COLL. MAS. W. B. QUAY.

COLL'D: FEB 22, 1960, DIED:

SPECIMEN ESCAPED?

~~1762 BEREHOLOTUS MULTICORNATUS T.L. = mm, S.V. = mm~~

1.0 MI. N, 2.0 MI. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.

~~COLL'D~~: FEB. 23, 1960

COLL: GEO. F. FISLER

1763 ♂ (TES 4x6, 30.0+) SOLEX ORNATUS CALIFORNICUS 98-32-11½-7(W) 5.0

BROOKS ISLAND, CONTRA COSTA CO., CALIFORNIA

COLL: W. B. LIDICKER

COLL'D: SEPT. 27, 1959

PREP'D: FEB. 24, 1960

(ALL MEAS'S BY W. B. LIDICKER)

1764 ♂ (TES 4x7)	<u>MUS MUSCULUS</u>	180-83-20-13(W)	19.3
1765 ♂ (TES 4.5x7.5)	" "	190-86-19½-13(W)	24.4
1766 ♀ (TES 4x3.5)	" "	187-91-19-13(W)	20.7
1767 ♀ (TES 4x3.5)	" "	172-82-18½-12(W)	17.6
1768 ♀ (TES 4x3.5)	" "	175-80-17-13½(W)	19.4
1769 ♂ (TES 4x7)	" "	184-88-19½-13½(W)	23.0

HAYWARD (JCT. MISSION + FOOTHILL BLVD'S), ALAMEDA CO., CALIF.

FEB. 28

1770 AD. CONTRA TENNIS

1771 JV. " "

BOTH TO
R. M. JOHNSON
PLUGGED
MUS.



A.C. ZIEGLER
1960

CATALOG

HAYWARD (JCT. MISSION & FOOTHILL BLVD'S), ALAMEDA Co, CALIF.

FEB. 28 (CONT'D)

1772	AD	<u>CONITA TENNIS</u>	T.L. = 226 mm, S.V. = 195 mm
1773	AD	" "	300 263 CAPTIVE: PICO?
1774	AD [±]	" "	242 212
1775	JUV.	" "	129 109
1776	JUV.	" "	139 118

9 mi. (BY ROAD) SE LIVERMORE, ALAMEDA Co, CALIFORNIA

FEB. 28

1777		<u>ANEIOES LUGUBRIS</u>	S.V. = 57 mm
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HAYWARD (JCT. MISSION & FOOTHILL BLVD'S), ALAMEDA Co, CALIF.

FEB 28

1778	AD.	<u>BATRACHOCOS ATTENUATUS</u>	S.V. = 43 mm
1779	JUV.?	" "	33
1780		" "	37

BERKELEY (STRAWBERRY CANYON), ALAMEDA Co, CALIF.

MAR. 7

COLL. JOAN F. QUINN

1781	AD.	<u>BATRACHOCOS ATTENUATUS</u>	S.V. = 40 mm
1782	AD.	" "	44

BERKELEY (UNIV. CALIF.), ALAMEDA Co, CALIFORNIA

19 MAR

COLL. RICHARD E. GRAHAM

1783		<u>RANA PIPIENS</u> SSA (PROB. AN ESCAPED LAB ANIMAL)	
------	--	---	--

A.C. ZIEGLER
1960

CATALOG

1 MI. (BY ROAD) S MIRABEL, LAKE CO., CALIFORNIA

20 MAR

COLL. RICHARD E. GERMAN

1784

RANA CATESBIANA

POKER FLAT, 5000⁺ FT., 12 MI. NW HAPPY CAMP, SISKIYOU CO. CALIF.

COLL'D 13 AUG. 1959

1785 (1 LOT OF
8 MIXED
METAMORPHOSING
YOUNG & ADULTS) ASCAPHUS TRUEI

1786 (6 LOT OF
METAMORPHOSING
YOUNG) " "

1787 (1 LOT OF
12 ADULTS) " "

1788 " "

1789 " "

1790 " "

1791 " "

1792 " "

1793 " "

1794 " "

1795 " "

1796 " "

SKAGGS SPRINGS, 310⁺ FT., 7 MI. W GEYSERVILLE, SONOMA CO. CALIF.

2 APRIL

1797 TARICHA RIVULARIS

1798 " "

1799 HYLA REGILLA

1800 ANEIDES LUGUBRIS

COLL'D R.T. BEHENKE + J. HOKIN

20⁺ MI. (BY ROAD) NW CHOCOMA (SONOMA CO.), MENDOCINO CO. CALIF.

2 APRIL

1801 DICAMPTODON ENSATUS

COLL. R.E. STEBBINS

A.C. ZIEGLER
1960

CATALOG

13⁺ mi. (BY ROAD) W WILKITS (JAMES CREEK), MENDOCINO CO. CALIF.

3 APRIL

1802 YG. ANEIDES FLAVIVENTRATUS

1803 AD. " "

1804 AD. " "

1805 ~~ANEIDES FERRUS~~

COLL: HELEN McGINNIS

1806 ANEIDES FERRUS

~~1807~~ EUMECES SILLIMANUS EATEN BY ANIGATOR LIZARD IN SEVER.

1/4 mi. (BY ROAD) NW LUCERNE (MINE TUNNEL), LAKE CO. CALIFORNIA

3 APRIL

1808 YG. ANEIDES LUGUBRIS

COLL: MIWAKO TANURA

1809 DIADOPHIS AMABILIS

(AT MOUTH OF TUNNEL)

1 mi. (BY ROAD) N ALBION, MENDOCINO CO. CALIFORNIA

2 APRIL

COLL: R.C. STEBBINS

1810 RHYACOTRITON OLYMPICUS

1811 " "

3 mi. E KLAMATH, DEL Norte Co. CALIFORNIA

9 APRIL

COLL: J.F. LAWRENCE

1812 ANEIDES FERRUS

1813 (Larva) DICAMPTODON ENSATUS

1/2 mi. SW CAMERON, 3900 ft., KERN Co., CALIF.

15 APRIL

1814 ♀ (NO EMB) PEROGNATHUS CALIFORNICUS

187-111 - 26-12⁶⁴¹ 19.0

1815 ♂ (NO EMB) PEROGNATHUS ALTI-COLA

184-96 - 24-10⁶⁴¹ 29.3

1816 ♂ (NO EMB) PEROGNATHUS DOMESTICUS

NO MEAS'S OR WT.

Acct 9786

A.C. ZIEGLER
1960

CATALOG

GARLOCK, 2050[±] FT., KERN CO., CALIFORNIA

15 APR.

- 1817 CNEMIDOPHORUS
1818 "
1819 "

3 MI. (BY ROAD) SE EMIGRANT ~~NEEDLE~~ STATION, 3000[±] FT., INYO CO., CALIF.
(DEATH VALLEY, ARK. MON.)

15 APR

- 1820 (1600 D.O.R.) MASTICOPHIS FLABELLUM T.L. = 1370, S.V. = 1010

1/2 MI. N FURNACE CREEK (TOWN), -150[±] FT., INYO CO., CALIF.

16 APR.

- 1821 ♂ (TES 6810 6408) PEROMYSCUS CREMICUS 195 - 107 - 21 - 20^{1/2} (W) 24.0
1822 ♀ (TES 6413 6408) " " 168⁺ - 66⁺ - 22 - 20^{1/2} (W) 27.3
1823 ♂ (TES 8415 8404) NEOTOMA LEXIA 270 - 105 - 31 - 31 (W) 131.4

5 MI. E COALINGA, FRESNO CO., CALIFORNIA

coll'd: 17 APR, 1960 DIED: JULY 28, 1960

- comp. skin. ONLY 1824 ♂ (TES 2410 2404) DIPLO. NITRATOIDES 236 - 131 - 35 - 12 (W) 33.0

2.3 MI. N, 1.8 MI. W COALINGA, FRESNO CO., CALIFORNIA

coll'd: 17 APR. 1960 DIED: 1 MAY 1960

- 1825 ♂ (TES 2410 2404) THOMOMYS BOTTAE 177 - 50 - 28 - 6 (W) 44.1

5 MI. (BY ROAD) E SAN LUCAS, MONTEREY CO., CALIFORNIA

17 APR.

- 1826 D.O.R. 0845 MASTICOPHIS FLABELLUM T.L. = 1320 S.V. = 970[±]

A.C. ZIEGLER
1960

CATALOG

1/2 MI. SW CAMERON, 3900± FT., KERN CO., CALIFORNIA

COMP. SKEL. ONLY

COLL'D: 15 APR. 1960 DIED: 17 APR 1960

COLL: W.B. QUAY

1827 ♀ (NO EMB'S) PEROGNATHUS CALIFORNICUS

195-114-27-13^(W) 15.4

COLL: W.B. QUAY

1828 ♂ (TES 3x6 EMB'S) PEROGNATHUS ALTICOLA

160+ - 76+ - 24 1/2 - 10^(W) 17.8

COLL'D: 15 APR 1960

DIED: 19 APR 1960

+ SKEL.

1829 ♂ (TES 3x6 EMB'S) PEROGNATHUS INORNATUS

165 - 79 - 19 - 8^(W) 14.2

+ SKEL.

1830 ♀ (4 EMB'S 3LT. 4MM) PEROGNATHUS ALTICOLA

184 - 96 - 23 1/2 - 7^(W) 18.0

1831 ♂ (TES 4x7 EMB'S) " "

172 - 83 - 23 - 9^(W) 20.5

1832 ♂ (TES 4x7 EMB'S) " "

175+ - 85+ - 23 1/2 - 10^(W) 22.7

1833 ♂ (") " "

185 - 96 - 24 - 9^(W) 27.7

ARVISO (1/2 MI. W ARTERIAN SLOUGH, LOS ESTEROS R.), SANTA CLARA CO., CALIF.

28 APRIL

COLL: GEO. F. FISLER

1834 ♀ (3 EMB'S 2LT. 2MM) MICROTUS CALIFORNICUS

160 - 43 - 21 - 16^(W) 46.7

1835 ♀ (NO EMB'S) " "

155 - 40 - 19 - 15^(W) 38.4

1836 ♀ (") " "

144 - 38 - 20 - 15^(W) 35.3

1837 ♀ (3 EMB'S 3LT. 2MM) " "

140 - 36 - 20 - 14^(W) 34.9

1838 ♀ (2 EMB'S 2LT. 2MM) " "

142 - 41 - 20 1/2 - 14^(W) 33.2

13± MI. (BY ROAD) N ADOLANTO, SAN BERNARDINO CO., CALIF.

29 APRIL

1839 (D.O.R. 2315) RHINOCHELUS

(NO MEASUREMENTS)

1840 (D.O.R. 2315) " "

(" ")

3 MI. N VICTORVILLE (MORAVE RIVER), SAN BERNARDINO CO., CALIF.

29 APRIL

1841 BUTO BORZAS

A.C. ZIEGLER
1960

CATALOG

3 1/2 mi. (BY ROAD) SW BASTOW, SAN BERNARDINO Co., CALIF.

30 APR.

1842 (D.O.R. 0800) ARIZONA ELEPHANS (NO MEASUREMENTS)

12 mi. (BY ROAD) ESE NEWBERRY (LAVA FLOW), SAN BERNARDINO Co., CALIF.

30 APR.

1843 ♂ CROTAPHYTUS WISLIZENI T.H. = 332 mm, S.V. = 108 mm

~~1844 CANISPAUDS LOST~~

1845 UMA STANSBURIANA

1846 GOMPHESUS

7 mi. (BY ROAD) ESE BASTOW (DROBERT JONES), SAN BERNARDINO Co., CALIF.

30 APR

~~1847 UMA UROSORUS GRAEIOSUS LOST~~ } COLL. A.C. STEBBINS

~~1848 UMA SCORPORA LOST~~ } COLL. " "

COLL'D 1 MAY, 1960

COMPSIDEL ONLY

1849 ♀ (4 RR. ECT. OLOSCHERS) PEROGNATHUS PENICILLATUS DIED: 1 MAY 1960 169-87-21-9W 13.2

1850 ♂ (4 RR. ECT. OLOSCHERS) " " DIED: 5 MAY 1960 194-97-22-9W 22.0

1851 ♂ (4 RR. ECT. OLOSCHERS) " " DIED: 5 MAY 1960 173-85-22-9W 16.1

7.4 mi. (BY ROAD) NW MORALES, KERN Co., CALIFORNIA

1 MAY

~~1852 SCORPORA MARISTE TO DON MONTANA~~ COLL. MILDRED TIMMONS

1853 COLEONYX VARIATUS

A.P. ZIEGLER
1960

CATALOG

ALVISO (1/2 MI. WARTERIAN SLOUGH, LOS ESTEROS CO.), SANTA CRUZ CO., CALIF.

29 APR

COLL: G. F. FISLER

1854 ♂	(TES 3 4x6 CAIO +)	<u>Sorex</u>	104-36-11 1/2-8 ^(W)	6.8
1855 ♀	(4 RT, 2 LT. FRESH SCARS)	<u>MICROTUS CALIFORNICUS</u>	155-40-18 1/2-14 ^(W)	38.7
1856 ♂	(TES 3 5x7 CAIO -)	"	157-46-22-15 ^(W)	38.9

0.2 MI. SE SAN MATEO CITY LIMITS (BTW. O'NEILL SLOUGH & BAYSHORE FREEWAY), SAN MATEO CO., CALIF.

29 APR

COLL: G. F. FISLER

1857 ♀	(NO EMB'S)	<u>MICROTUS CALIFORNICUS</u>	120 ⁺ -27 ⁺ -19-12 ^(W)	22.4
1858 ♀	(3 RT, 2 LT. 4mm EMB'S)	"	171-50-20-14 ^(W)	41.1

12 MI. (BY ROAD) ESE NEWBERRY (LAVA FLOW), SAN BERNARDINO CO., CALIF.

(AS NESTLING?)
COLL: 30 APR. 1960

DIED: 8 MAY 1960

1859 ♀	(NO EMB'S)	<u>CITELLUS LEUCURUS</u>	139-46-31-8 ^(W)	23.0
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SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA CO., CALIF.

31 MAY 1960

COLL: G. F. FISLER

1860 ♂	(TES 3x6 CAIO +)	<u>REITHRO DAVIENTRIS</u>	144-66-17-13 ^(W)	9.6
1861 ♂	(TES 2x5 CAIO +)	"	148-75-18-14 ^(W)	10.8
1862 ♀	(2 RT, 3 LT. FRESH SCARS OR 2 YG. EMB'S)	"	148-73-17-14 ^(W)	11.0
1863 ♀	(3 RT, 2 LT. 2mm EMB'S)	"	150-76-18 1/2-13 ^(W)	11.3
1864 ♂	(TES 3x5 CAIO - ?)	"	157-81-19-13 ^(W)	11.3
1865 ♀	(NO EMB'S NO SCARS?)	"	158-77-17-14 ^(W)	11.6
1866 ♀	(3 RT, 2 LT. 5mm EMB'S)	"	151-75-18-14 ^(W)	13.7
1867 ♂	(TES 3x6 CAIO -)	"	139-68-18-14 ^(W)	10.1
1868 ♂	(TES 3x6 CAIO + ?)	"	163-84-18-14 ^(W)	11.7
1869 ♂	(TES 3x6 CAIO + ?)	"	160-80-18-13 ^(W)	13.0
1870 ♀	(1 RT, 2 LT. SCARS)	"	151-63-18-14 ^(W)	13.2

A.C. ZIEGLER
1960

CATALOG

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA Co. CALIF.

2 JUNE

COLL: G.F. FISHER

1871	♂	(TES 346 E.O.O. +)	<u>REITHRO</u>	<u>RAVIVENTRIS</u>	148-73-17-13 ^(N)	9.6
1872	♂	(TES 346 E.O.O. +)	"	"	148-64-17-13 ^(N)	10.5
1873	♂	(")	"	"	152-77-18-14 ^(N)	11.3
1874	♂	(TES 346 E.O.O. +)	"	"	154-76-18-13 ^(N)	12.2
1875	♀	(347, 147. SCARS)	"	"	153-70-17-14 ^(N)	12.4

BERKELEY (SNOWBERRY CANYON) ^{850 ± FT;} ALAMEDA Co. CALIFORNIA

25 MARCH 1960

(NEXT 3 #S SAVED FOR WEEK 4
THEY SAVED IN WATER - WAS OFFERED
STAIN AND
COLL: R.L. BARNES ET AL.

1876	♀	(187, 247. SCARS)	<u>MICROTUS</u>	<u>CALIFORNICUS</u>	160-45-21-13 ^(N)	50.1
1877	♀	(347, 147. SCARS)	<u>PEROMYSCUS</u>	<u>DISCARDED</u> - (SLIPPED BAWLY)	187-90-23-19 ^(N)	32.0
1878	♂	(TES 346 E.O.O. +)	<u>THOMOMYS</u>	<u>BOTTAE</u>	238-65-30-7 ^(N)	256.0

SAN PABLO CREEK (SALT MARSH), RICHMOND, CONTRA COSTA Co. CALIF.

2 JUNE

COLL: G.F. FISHER

1879	♀	(347, 247. SCARS)	<u>REITHRO</u>	<u>RAVIVENTRIS</u>	147-70-17-14 ^{1/2} (N)	15.7
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3/4 MI. (BY ROAD) S MYERS FLAT, HUMBOLDT Co. CALIFORNIA

18 JUNE

Dec 9829
#1937

1880	♀	(TES 346 E.O.O. +)	<u>PEROMYSCUS</u>	<u>MANICULATUS</u>	172-84-22-17 ^(N)	18.7
1881	♂	(TES 346 E.O.O. +)	"	"	177-84-22-16 ^{1/2} (N)	18.4
1882	♂	(")	"	"	172-82-21-16 ^{1/2} (N)	18.6

5 MI. (BY ROAD) S MYERS FLAT, HUMBOLDT Co. CALIFORNIA

18 JUNE

1883	♂	(TES 346 E.O.O. +)	<u>PEROMYSCUS</u>	<u>MANICULATUS</u>	181-87-20-16 ^{1/2} (N)	21.2
1884	♂	(TES 346 E.O.O. +)	"	"	170-81-21-16 ^(N)	20.5

A.C. ZIEGLER
1960

CATALOG

4 mi. (BY ROAD) S TRINIDAD (JCT. LITTLE RIVER & HWY 101), HUMBOLDT Co., CALIF.

18 JUNE

COLL. MRS. W. B. QUAY

1885

THAMNODON ELEGANS ~~TERRESTRIS~~ T.L. = 585 mm S.V. = 455 mm

1 1/2 mi. NW SPANAWAY, PIERCE Co., WASHINGTON

21 JUNE

De. SOKOLOV,
RUSSIA → 1886

BOFO

1887 ♀ (387.11.1) PEROMYSCUS MANICULATUS AUSTERUS (SHORT-TAIL LOSSIP.) 171-89-20-17^(N) 17.2

22 JUNE

1888 ♀ (NO EMB'S) Sorex ~~VAGRANS~~ VAGRANS 89-40-12-9^(N) 4.4

1889 ♀ (") " "OBSCURUS? (OR TROWBRIDGE?) 109-50-12 1/2-9^(N) 4.6

1890 ♀ (") Sorex TROWBRIDGEI 110-48-13-9^(N) 4.2

1891 ♂ (TES 1X2, EAD. 1X1) " " 118-55-13 1/2-9^(N) 5.8

1892 ♂ (") " " 121-54-13-9^(N) 5.9

1893 ♂ (TES 1X1, EAD. 1X1) NEOTOMUS GIBBSI 107-35-15-2^(N) 8.9

1894 ♂ (TES 1X1, EAD. 1X1) PEROMYSCUS MANICULATUS AUSTERUS 180-86-20-18^(N) 20.1

1895 ♂ (TES 1X1, EAD. 1X1) " " " 160-77-21-16^(N) 18.6

1896 ♀ (387.21.1) MICROTUS TOWNSENDI? 200-76-25-16^(N) 50.9

1897 ♂ (TES 1X1, EAD. 1X1) SCIURUS DOUGLASSI (WASHED IN WATER + GAS.) 268-112-48-24^(N) 103.3

5.3 mi. (BY ROAD) N JET ANGENESS & GREYWOLF RIVERS (T. 29N, R. 3W), CHILLIAM Co., WASH

22 JUNE

1898 THAMNODON SIGNALIS T.L. = 300 mm S.V. 225 mm

1899 " ORDINOIDES 198 148

1900 " " 381 290

23 JUNE

1901 ♀ (NO EMB'S) SCAPANUS ORARIUS (WASHED IN WATER + GAS.) 155-36-21-1 1/2^(N) 41.6



P.C. ZIEGLER
1960

CATALOG

6.2 mi. (BY ROAD) N Jct. DUNGENESS + GREYWOLF RIVERS ~~800± FT.~~ (S. 29N, R. 3W)
CLALLAM CO. WASHINGTON

23 JUNE

1902	♂ (TES 2x4 emb.)	<u>CLETHRIONOMYS OCCID.</u>	139-45-18-13½ ^(N)	20.5
1903	♂ (TES 2x4 emb.)	<u>PEROMYSCUS MANICULATUS</u> (OREG?)	183-100-23-18 ^(N)	15.6
1904	♀ (NO EMB'S)	" "	180-95-22-19 ^(N)	15.3
1905	♀ (")	" "	174-92-22-18 ^(N)	14.6

Jct. DUNGENESS + GREYWOLF RIVERS ^{800± FT.} (S. 30, T. 29N, R. 3W), CLALLAM CO. WASH.

22 JUNE

1906	♂ (TES 2x4 emb.)	<u>Sorex PALUSTRIS</u>	149-77-19-5 ^(N)	8.6
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23 JUNE

1907	♂ (TES 2x4 emb.)	<u>PEROMYSCUS MANICULATUS</u> OREG	195-101-21-19 ^(N)	19.4
1908	♀ (3 RT. 4 LT. 10 mm EMB'S)	<u>Zapus</u> <u>TRINOTATUS</u>	COLL: N.B. MCCULLOCH 243-145-32-15 ^(N)	31.0

2 mi. E SEQUIM, CLALLAM CO. WASHINGTON

23 JUNE

1909		<u>RANA</u>
1910		"
1911		<u>TARICHA</u>

DUNGENESS HATCHERY, 500± FT., 4 mi. SSW SEQUIM, CLALLAM CO. WASH.

23 JUNE

1912	♀ (1 RT. 14 mm emb)	<u>MYOMIS</u>	86-38-9-14 ^(N)	6.3
1913	♀ (1 RT. 14 mm emb)	"	86-36-9-13 ^(N)	5.5
1914	♀ (1 RT. 13 mm emb)	"	90-35-9-13 ^(N)	5.9
1915	♂ (TES 1x4 emb.)	"	84-34-8-13 ^(N)	5.0
1916	♀ (1 RT. 14 mm emb)	"	89-35-9-14 ^(N)	6.4
1917	♀ (")	"	93-41-10-14 ^(N)	7.3

A. O. ZIEGLER
1960

CATALOG

DUNGENESS HATCHERY, 500± FT., 4 MI. SSW SEQUIM, CHILLIAM CO., WASH.

23 JUNE (cont'd)

1918	♀ (1 RT. 14 mm emb.)	MYOTIS	93-39-9-14 ^(N)	7.2
1919	♀ (")	"	89-37-9-13½ ^(N)	6.6
DR. SOKOLOV, RUSSIA → 1920	♀ (")	"	87-38-9-15 ^(N)	6.2
1921	♂ (TES 2x3 mm, 6010. -)	"	78-35-8-12 ^(N)	4.3
1922	♀ (1 RT. 10 mm emb.)	"	82-34-8-14½ ^(N)	5.3
1923	♀ (1 RT. 12 mm emb.)	"	83-33-9-15 ^(N)	5.5
1924	♀ (RESORTING?)	"	85-37-9-14 ^(N)	4.8
1925	<u>THAMNORHIS ORONOTOS</u>		T.L. = 570 mm, S.V. = 445 mm	

TONGUE POINT, 3 MI. NNE JOYCE, CHILLIAM CO., WASHINGTON

24 JUNE

1926	♀ (1 RT. 3 mm emb.)	SOREY VARRONS VARRONS	94-40-13-6 ^(IV)	4.3
1927	♀ (NO EMB'S)	" " "	94-40-13-7 ^(N)	4.6
DR. SOKOLOV, RUSSIA → 1928	♀ (2 LT. 7 mm emb.)	MICROTUS OREON	118-32-16½-11 ^(N)	15.1
1929	♂ (TES 6x4 mm, 6010. -)	PEROMYSCUS MANICULATUS (OREON)	85-102-23-18 ^(N)	16.6
1930	♀ (NO EMB'S)	" "	190-102-24-18 ^(N)	18.8

8 MI. (BY ROAD) N SHELTON, MASON CO., WASHINGTON

24 JUNE

1931	<u>PLETHODON</u>
1932	<u>ENSATINA</u>

DUNGENESS HATCHERY, 500± FT., 4 MI. SSW SEQUIM, CHILLIAM CO., WASH.

CONT'D: 23 JUNE; DISC: 24 JUNE

ALCOHOLIC 1933	♀ (1 RT. 15 mm emb.)	MYOTIS	82-36-9-13 ^(N)	4.8
ALCOHOLIC 1934	♀ (")	"	86-35-9-13½ ^(N)	5.7
ALCOHOLIC 1935	♀ (1 RT. 12 mm emb., RESORTING?)	"	85-35-9½-14 ^(N)	4.9

A.C. ZIEGLER
1960

CATALOG

DUNGEON HATCHERY, 500[±] FT, 4 MI. SSW SEQUIM, CLALLAM CO, WASH.

ALCOHOLIC
YOUNG ATTACHED

COLL'D: 23 JUNE; DIED: 24 JUNE

1936 ♀ (1 YOUNG
BORN BORN) MYOTIS

86-35-9-13^{WS}

5.4

13 MI. (BY ROAD) NE SALEM, MARION CO. OREGON

24 JUNE

1937

TARICHA

1.0 MI. N, 2.0 MI. E MARTINEZ (SALINAS), CONTRA COSTA CO, CALIF.

JULY 6

COLL: GEO. F. FISLER

1938 ♀ (2 ETS, 3 LTR.
5mm EMB'S) Sorex ornatus californicus

100-37-12-7^{WS} 4.6

DAIRYLAND
~~BEFORE~~ (315 WESTVIEW DRIVE), ALAMEDA CO, CALIF.

JULY 6

Mrs. MARION V. LONG

1939 ♀ (NO
EMB'S
LATERAL) DIDELPHIS MARSUPIALIS

(IRIS BLACK)
770-310-65-60^{WS} 3³/₄ 4.6

POINT REYES, MARIN CO, CALIFORNIA

FOUND DEAD JULY 16, 1959 BY DR. H.A. FRITCHMAN

1940 ♂ (TES
DESD) UROCYN

760-290-125-70^{WS} 4¹/₂ 4.8

BIG BEND CAMPGROUND, 7450[±] FT, 3¹/₂ MI. WSW LEEVING, MONO CO, CALIF.

JULY 24

1941

BUFO GOREAS

8¹/₂ MI. S BOBIE, 6500[±] FT, MONO CO, CALIFORNIA

JULY 24

1942 ♀ (NO
EMB'S) MICROTARPO MEGALOPHANTUS?

157-85-27-10^{WS} 12.4

1943 ♂ (TES
EX 2
EMB'S) EUTAMIAS MINIMUS

170-73-28-14^{WS} 24

A.C. ZIEGLER
1960

CATALOG

8 1/2 mi. S Boole, 6500± ft., Mono Co., California

JULY 24 (cont'd)

1944	♂	(TES 1 1/2 x 3; CAO.)	<u>Eutamias minimus</u>	184-87-29-14 ^(W)	28.1
1945	♀	(NO EMB's)	<u>Diplo panamintinus</u>	283-170-43-13 ^(N)	53.4
1946	♀	(")	<u>Diplo</u> "	286-173-45-14 ^(N)	54.2

8 mi. S, 2 mi. E Boole, 6500± ft., Mono Co., California

JULY 24

1947	♂	(TES 1 x 2; CAO.)	<u>Microdiplo megalocoryphus(?)</u>	137-73-25-8 ^(W)	9.7
1948	♀	(NO EMB's)	" "	148-76-25-9 ^(W)	10.7
1949	♂	(TES 2 x 5; CAO.)	" "	150-76-25-10 ^(W)	12.7
1950	♀	(3 RT, 3 LT. SCARS)	" "	159-83-25-10 ^(W)	13.2
1951	♂	(TES 3 x 6; CAO.)	<u>Perognathus parvus</u>	175-94-25-9 ^(W)	17.0
DR. SOLOV, RUSSIA → 1952	♂	(TES 2 x 4; CAO.)	<u>Eutamias minimus</u>	186-84-29-14 ^(W)	26.6
1953	♀	(3 RT, 4 LT. SCARS)	" "	145 ⁺ -40 ⁺ -30-15 ^(W)	31.0
1954	♀	(2 RT, 5 LT. SCARS)	" "	162 ⁺ -52 ⁺ -30-14 ^(W)	31.9
1955	♀	(0 RT, 3 LT. SCARS)	" "	195-88-29-14 ^(W)	33.0

7 mi. S, 4 mi. E Boole, 6500± ft., Mono Co., California

JULY 24

1956	♀	(NO EMB's)	<u>Microdiplo megalocoryphus(?)</u>	154-80-25-9 ^(W)	12.8
1957	♂	(TES 1 1/2 x 3; CAO.)	" "	155-80-25-10 ^(W)	13.9
1958	♂	(TES 2 x 3; CAO.)	" "	162-84-26-10 ^(W)	14.5
1959	♂	(TES 2 x 4; CAO.)	" "	158-84-26-10 ^(W)	14.9
comp. skel. only 1960	♀	(ABOUT 3 RT. + 3 LT. SCARS)	" "	158-77-24-9 1/2 ^(W)	16.3
1961	♂	(TES 2 x 4; CAO.)	<u>Eutamias minimus</u>	190-87-29-15 ^(W)	32.5
1962	♂	(TES 5 x 10; CAO.)	<u>Diplo</u> <u>CAO</u>	244-135-39 1/2-13 ^(W)	51.1
1963	♂	(TES 3 x 5; CAO.)	<u>PANAMINTINUS</u>	313-185-48-14 ^(W)	78.5

A.C. ZIEGLER
1960

CATALOG

1 1/2 mi. W FALES HOT SPRINGS, 7100' FT., Mono Co., CALIF.

JULY 24

D.O.B. 1030

1964 ♂ (TESTES 15, EPID. ?) MUSTELA FRENATA

395-150-43-23^(W)

223.5

ANGWIN (ATTIC OF CHASE, PACIFIC UNION CO.), NAPA Co., CALIFORNIA

COLL. JULY 5, 1960, ^{DISCO?} SOAKED OUT FROM MUMMY SCOT 7, 1960

COMP. SKULL ONLY

1965 ♀ (NO EMB'S) MYOTIS THYSANOTES

87-35-10-15^(W)

(WT.) 1

WILBUR SPRINGS, COLUSA Co., CALIFORNIA

COLL. JULY 14, 1960, ^{DISCO?} SOAKED OUT FROM MUMMY SCOT 7, 1960

SKULL ONLY

1966 ♀ (NO EMB'S) MYOTIS YUMANENSIS

84-37-9-14^(W)

F.A. 35

SKULL ONLY

1967 ♀ (") " "

83-35-9-14^(W)

F.A. 35

SKULL ONLY

1968 ♂ (TESTES 13, EPID. -) TRIDACTYLUS MEXICANA

94-31-8-16^(W)

F.A. 44

(NO WT.)

OAKLAND (315 WESTVIEW DRIVE), ALAMEDA Co., CALIF.

SCOT 9

COLL: MRS. MARION V. LONG

ALCOHOLIC

1969 ♀ (NO EMB'S) DIDELPHIS MARSUPIALIS

510-225-47-44^(W)

SCOT. 10

COLL: MRS. MARION V. LONG

ALCOHOLIC

1970 ♂ (TESTES 12x2mm, EPID. ?) DIDELPHIS MARSUPIALIS

770-310-68-52^(W)

460

1971 ♂ (TESTES 5x8mm, EPID. ?) TRIDACTYLUS EOTTAE

236-71-30-7 1/2^(N)

1705

STRAWBERRY CANTON (POULTRY PENS), BERKELEY, ALAMEDA Co., CALIF.

SCOT. 21

ALCOHOLIC

1972 ♂ (TESTES ABOUT 6x10mm, EPID. ?) DIDELPHIS MARSUPIALIS

520-220-48-48^(W)

ALCOHOLIC

1973 ♂ (TESTES ABOUT 9x12mm, EPID. ?) " (TO OR QUART FOR SCOT. 106)

570-225-50-48^(W)

1740

OAKLAND (315 WESTVIEW DRIVE), ALAMEDA Co., CALIFORNIA

COLL. SCOT. 19, 1960, DISCO SCOT. 24, 1960 COLL: MRS. MARION V. LONG

1974 ♂ (TESTES 5x11mm, EPID. ?) SYLVILAEUS BOCHANNI

330-30-70-57^(W)

428.0

A.C. ZIEGLER
1960

CATALOG

VIC. OF MADISON DANE CO. WISCONSIN

"IN CAPTIVITY A MINIMUM OF 1 YEAR", GIFT OF JOHN
DIED: SEPT. 22, 1960 EISENBERG
COLL: MRS. ANN DEQUANEY

+ SKOLSTON

1975

♂ (TES 44.9; EPID.) GLAUCOMYS VOLANS

230-98-32-20^(N)

62.5

STRAWBERRY CANYON (BULLY PENS), BERKELEY, ALAMEDA CO. CALIF.

SEPT. 27

COLL. MR. NOBU INOUE

ALCOHOLIC

1976

♂ (TES ABOUT 41.3; EPID.?) D. DELANIS MARSUPIANUS

545-226-52-45^(N) 1 1/2 LB.

SEPT. 30

COLL. "

ALCOHOLIC

1977

♀ (NO EMB'S)

"

535-225-49-44^(N) 1 3/4 LB.

OCT. 5

COLL. "

ALCOHOLIC

1978

♂ (TES ABOUT 41.5; EPID.?)

"

610-270-54-50^(N) 2 LB.

OCT. 8

COLL. "

ALCOHOLIC

1979

♀ (NO EMB'S)

"

845-345-65-64^(N) 6 1/4 LB.

OCT. 11

COLL. "

ALCOHOLIC

1980

♀ (NO EMB'S) MEPHITS MEPHITS

650-280-74-33^(N) 6 1/2 LB. (WGT)

OCT. 26

COLL. "

ALCOHOLIC

1981

♂ (TES 12x5mm; EPID.?)

"

630-310-69-28^(N) 3 LB.

NOV. 22

COLL. "

SKULL ONLY + ALCOHOLIC

1982

♂ (TES 12x5mm; EPID.?) D. DELANIS MARSUPIANUS 760-300-60-67^(N) 7 1/4 LB.
(BODY TO DR. QUINN, SKULL TO DONALD E. RUSSELL, PENIS TO MYSELF.)
DONALD E. RUSSELL, 1000 TOWNSEND DRIVE, BERKELEY, CALIF. 94704

TOMALES POINT (WHITE GULCH), MARIN CO. CALIFORNIA

DEC. 11

COLL. S.B. BENSON

SKULL ONLY + PATELUM

1983

♂ (TES 20x28; EPID.?) (SKIN TO) PROCTON LOTOR

ANC. BODY TO DR. QUINN

850-295-121-54^(N)

15 1/2 LB.

SKULL ONLY

1984

♀ (3 RT. 3 WT. SCAPES) (SKIN TO) "

ANC. BODY TO DR. QUINN

810-285-120-58^(N)

12 1/2 LB.

END 1960
CATALOG

Ziegler, A. C.
1960
Journal

A. C. ZIEGLER
1960

JOURNAL

1.0 mi. E ANTIOCH, CONTRA COSTA CO., CALIFORNIA

FEB 21

DROVE TO SANDY AREA ALONG BAY
E OF ANTIOCH ON WILBUR ROAD + HAD
PICNIC WITH WIFE + KIDS. THIS AREA
JUST AT EDGE OF RIFLE RANGE. NO
TREES - JUST "TUMBLEWEEDS" + A
VERY FEW BUSH LUNAR. LOOKED
UNDER BOARDS, ROCKS ETC BUT SAW
NO ANNIEHUA. NOT MUCH GROUND-
BITTER ANYWHERE ~~THE~~ - SEEMS BLOWN
AWAY CONSTANTLY BY WIND. DID
COLLECT A HIBERNATING (?) SCORPUS
+ A VERY LIVELY UTA. SAW SEVERAL
MORE ^{RUNNING} HIBRIDS, BUT COULD NOT TELL
WHICH OF 2 GENERA THEY WERE.
SAW A BURROWING OWL BEHIND VINYL
ALONG EDGE OF SEWAGE TREATMENT
PLANT. HE WAS QUITE TAME - BOBBED
ONCE OR TWICE + GAVE LOW NOTE.
SAW NO BUZZARD BUT PRETTY OF
BANKS NEARBY. AT ABOUT 2:30 DROVE
ON EAST ON WILBUR ROAD FOR ^{ABOUT} A MILE;
~~2.0~~ ² mi. E ANTIOCH, CONTRA COSTA CO., CALIF.

WORKED LEAF BITTER AND GROUND
UNDER BOARDS ETC. FOR ANNIEHUA.
SAW MUCH EVIDENCE OF HERPETOIDS
BEING HERE BEFORE - ALMOST EVERY-
THING MOVABLE HAD BEEN TURNED +

A.C. ZIEGLER
1960

JOURNAL

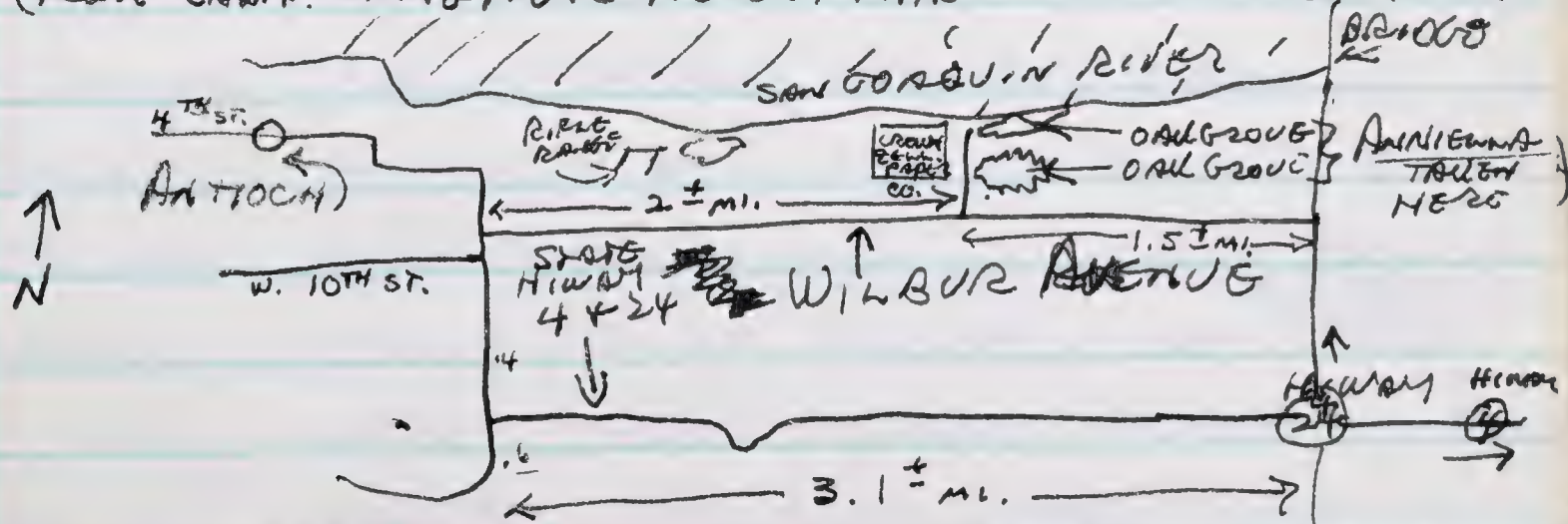
FEB. 21
(CONT)

2 MI. E ANDRECH, CONTRA COSTA CO., CALIF. FERN. A
DUG UNDER. PROBABLY BY TEDDY BARN-
JESS + HIS CREW WHO GOT ANNIEHUA
RECENTLY IN ^{OR NEAR} THIS LOCALITY. D.O
FIND 4 ANNIEHUA, TWO, AND UNDER
UNDISTURBED ROCKS, BOARDS OR PAPER.
SUBSTRATE TEMPS AT 3 PLACES
WERE 11° , 12° + 14° C. THE AIR TEMP
 19° C. THE 14° LOCALITY WAS UNDER
AN OLD PIECE OF CORRUGATED ROOF
+ HAD 2 LIZARDS. THEY WERE FOUND
IN ^{NARROW} OPEN-TOPPED BURROWS. ONE MADE
OFF FOR GRASS QUICKLY WHEN UNCOVERED.
AND 3 PLACES WHERE LIZARDS WERE
TAKEN OFFERED DAMP SANDY SOIL
FREE FROM DEBRIS. THEY AND SEEMED
TO BE IN THICK GRASS COVER. OWLS
GAVE 50-80% OVERHEAD COVER
LIZARDS A FEW INCHES BELOW SURFACE, 3 OTHERS IN ^{BEHIND} BRUSH.
A FEW LARGE BROWN-BURRUSH MIMIC
AND WERE FOUND IN ONE OR 2 SPOTS.
(TOOK 2 PHOTOS OF GROVE LOOKING SE
AT ABOUT 5:30 PM.) DROVE OUT TO
BETHEM ISLAND STOPPING AT SMALL
OAK GROVE 1 MI. (BY ROAD) E OF DALLY TO
TURN BACKS BUT GOT ONLY ANOTHER
HIBERNATING SCORPIONS. SAW NO OTHER
OAK GROVES + OTHER AREAS HAD NO
DEBRIS TO SEARCH UNDER. DROVE BACK

A.C. Zeehler
1960

JOURNAL

2 mi. E Antioch, Contra Costa Co., California
Feb. 21 TO 2 mi. E Antioch & WORKED THE
(CONT.) "PSEA" (meanina??) RECREATION AREA)
- A SIMILAR OAK GROVE BUT FURNISHED
WITH PICNIC TABLES & FIREPLACES.
NOT MUCH LITTER OR BOARDS BUT
UNDER A LONG BOARD UNDER A
- BUCKEYE TREE, ^{BY DIGGING IN AN INCH OR SO OF SOIL} FOUND THE 5TH
ANNIEHUA. ABOUT 400-500 YARDS
OF GRASSY FIELD SEPARATE THE
2 OAK GROVES WHERE THE LIZARDS
WERE COLLECTED ~~SO~~ SO BOTH GIVEN
SAME LOCALITY ON MAPS. THE FIELD
IS MUDDY IN PLACES & IS USED, AT
ONE END, AS A DUMP. LOOKED UNDER
SOME BOARDS BUT SAW NO ANNIEHUA.
BESIDES THESE 2 AREAS ONLY SAW 2
OTHER OAK GROVES ^{ALONG WILBUR AVENUE} BOTH WITH MORE
SCATTERED TREES, WORKED ONE OF THESE
BUT GOT NO HERPS. LOCALITY OUTLINES
BELOW. LEFT AT 6 PM & ARRIVED HANFORD
(FROM CALIF. STATE AUTO ASSOC. MAP "CONTRA COSTA CO.")



A.O. ZIEGLER
1960

JOURNAL

coll'd
SEPT. 27
1959

BROOKS ISLAND, CONTRA COSTA CO., CALIFORNIA

PRIMO (on Feb 24, 1960) 6 MUS CAUGHT
IN SNARE-TRAP LINE. LOST SEPT. THESE
WERE THE FRESHEST LOOKING SPECIMENS
OF 9 OR 10 CAUGHT ON THAT DATE - ACKED
OUT BY DR. LISICKER & NOT SELECTED
FOR COLOR. HE DID ALL MICE'S & I
JUST SKINNED & STUFFED THEM. THESE
SKINS ARE TO BE USED TO COMPARE
COLOR OF THE ISLAND RAB. AT DIFF.
TIMES. 2 MORE SERIES ARE ALREADY
IN MUSEUM. MUS OF BROOKS ARE NOW
VERY, VERY LOW IN NUMBERS & MAYBE
GONE FROM MOST PARTS OF ISLAND.
MICROTUS ARE COMMON NOW.

HAYWARD (JCT. MISSION & FOOTHILL BLVD), ALAMEDA CO., CALIF.

FEB. 28 DROVE TO "HAYWARD PLUNGE" - A POOL
& PICNIC GROUNDS - & WORKED A HILLSIDE
JUST NORTH OF POOL. GOT 10 CONTRA
6 YOUNG, 4 ADULTS BUT TURNED 3 OF
THE YOUNG LOOSE AGAIN. ANIMALS WERE
UNDER PALM FRONDS, ROCKS ETC. IN
GRASSY FIELDS & CEMETERY AT TOP
OF HILL. BATRACHOCAPS OCCURRED COMMONLY
ALSO - SAW ABOUT 100 OF THEM. ^{SAVES 3} NO
OTHER HERPS SEEN. FORGOT THERMOMETER
SO NO TEMPS. MOST OF AREA HAD BEEN

A.C. ZIEGLER
1960

JOURNAL

HAYWARD (Jct. Mission + Foothill Blvd) Alameda Co. Calif.

FEB. 28
(cont'd)

WORKED A COUPLE OF 3 WEEKS AGO
BY TERRY APPENFUSS + FRIENDS SO
MOST OF MOVABLE OBJECTS HAD ALREADY
BEEN MOVED (+ NOT REPHASED). LOOKED
UNDER ROCKS IN EUCALYPTUS WOODS
BUT SAW ONLY A COUPLE OF
BATREMOCCUS. MANY BLACK WIDOW
SPIDERS UNDER ROCKS, ALSO A FEW
EARTHWORMS + A COUPLE OF CENT
PEDES. CONTRA TAKEN MOSTLY IN
AREAS OF NO TREE COVER, TWO A
STAND OF GRASS A FOOT HIGH SEEMED
STAND AROUND ALMOST EVERY OBJECT
UNDER WHICH I FOUND THEM. THE
ADULTS WERE NOT ACTUALLY UNDER
THE ROCKS BUT WERE CURLED UP
IN DIRT + GRASS ROOTS ALONG EDGE
OF ROCK — IN OTHER WORDS, THEY
DID NOT SEEM TO HAVE BURROWS
UNDER ROCK BUT RATHER TO HAVE
CRAWLED IN AS CLOSE AGAINST THE
ROCK AS THEY COULD. ONE OF CONTRA
REELIGHATED AN INCH-LONG SLUG IN THE A FEW
HOURS AFTER CAPTURE.

9 MI. (BY ROAD) SE LIVERMORE, ALAMEDA CO. CALIF.

FEB. 28 DROVE TO THIS LOCALITY IN ARROYO
MOCKO BY WAY OF SUNOL. WORKED
ROCKS IN FIELDS ALONG ROADS LOOKING

92

A. C. ZIEGLER
1960

JOURNAL

9 MI. (BY ROAD) SE LIVERMORE, ALAMEDA CO. CALIF.

FEB 28 FOR TANTILLA BUT SAW NO SNAILS.
(CONT'D) FOUND A COUPLE OF ANGIODES LUGUBRIS
+ COLLECTED ONE. ALSO SAW A FEW
SMALL BASIDOMYCELES. COLLECTED 2
BEETLES UNDER ROCKS FOR JOHN LAWRENCE.
SAW DEAD STRIPED SKINK ON ROAD.
DROVE DOWN THE ARROYO ^(ON MINES ROAD) 16 MILES
TO JUST BEYOND ENTRANCE TO A
SCOUT CAMP. HEARD HYLA ALONG
A STREAM NEARBY. SAW 8 OR 10
MARPLES NEAR FARMS ON THIS
ROAD. LEFT FOR HOME AT DUSK.

SKAGGS SPRINGS, 310⁺ FT., 7 MI. W GYSEVILLE, SONOMA CO. CALIF.

2 MAR. LEFT BERKELEY WITH PART OF DR. STEBBINS'
HERP COURSE CLASS, ^{AT 1230} AND ARRIVED AT SPRINGS
AT 1430. SPENT AN HOUR & A HALF COLLECT-
ING IN AREA. A MR & MRS METHEN
ARE CARETAKERS OF THE OLD SPA &
MRS. M. SAID IT WOULD BE OK TO CAMP
HERE. A 6 FOOT WIDE, 8 INCH DEEP STREAM
RUNS THRU THE AREA & JOINS A
FAIRLY LARGE RIVER NEARBY. THE
WARM SPRINGS HAVE QUITE HOT WATER
& REMAINS OF OLD BATHING (FOR MEDICINAL
PURPOSES) POOLS & SHEOS STAND ABOUT.
GOT THE FOLLOWING HEADS:

A.C. ZIEGLER
1960

JOURNAL

SKAGGS SPRINGS, 310[±] FT., 7 MI. W GYSEVILLE, SONOMA CO., CALIF.

2 APR
(cont'd)

<u>TARICHA</u> <u>ALVULARIS</u>	50 [±]	MANY MATING
<u>T.</u> <u>GRANULOSA</u>	8 [±]	NONE MATING
<u>ANEIDES</u> <u>LUGUBRIS</u>	4 [±]	
<u>HYLA</u> <u>REITHLEI</u>	10 [±]	CALLING
<u>RAHA</u> <u>BOYLEI</u>	8 [±]	ALL YOUNG
<u>GEURHONOTUS</u> <u>COCKRENS</u>	1	
<u>EUMECER</u> <u>SKINTONIANUS</u>	2 [±]	
<u>THAMNOPHIS</u> <u>ELEGANS</u>	1	

WEATHER VERY WARM + CLEAR.

DROVE E ON ROAD FROM SPRINGS FOR 3 MILES WHERE AT A BRIDGE WE CHECKED A ROADSIDE SEEPAGE + STREAM GOT 2 YOUNG RAHA BOYLEI + A

SCELOPORUS OCCID.

→ OTHER CAR GOT 30[±] CHYROTUS AT ROAD SEEPAGE
1 M. N OF ANBION, MENDOCINO CO., CALIFORNIA

VAN DAMME STATE PARK, MENDOCINO CO., CALIF.

2-3 APR DROVE TO PARK + MET OTHER CAR OF CLASS MEMBERS. WALKED CREEK RUNNING THRU PARK FOR AERNAUS - WHICH HAS BEEN COLLECTED HERE (2 OR 3 INDIVIDUALS) - BUT SAW + HEARD NOTHING. A SMALL "RANIO" + A TARICHA SP. SEEN IN POOL BESIDE CAMPGROUNDS. HEARD KINGFISHER + PILES W'DECKER IN AM OF 3 APR. COLLECTED FUNGI FOR JOHN LAWRENCE. CAMP COSTS \$1 /NITE/CAR 50 CAMPSITES, HOT(?) WATER + GOOD LUNCHES.



ROAD MAP OF CALIFORNIA

Prepared for
STANDARD OIL COMPANY OF CALIFORNIA

SCALE OF MILES - ONE INCH EQUALS APPROXIMATELY 21 MILES

Populations of Cities and Towns

- State Capital
- Communities
- Under 250
- 250 to 1,000
- 1,000 to 2,500
- 2,500 to 5,000
- 5,000 to 10,000
- 10,000 to 25,000
- 25,000 to 50,000
- 50,000 to 100,000
- 100,000 and over

Population symbols shown as, or enclosed by, indicate County Seats.
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LITHOGRAPHED IN U.S.A.

Road Surfacing

	NUMBERED THRU ROUTES U.S.	STATE ROUTES	OTHER STATE ROUTES	OTHER ROADS
SUPER-HIGHWAYS 4 or more lanes				
PAVED ROADS Concrete, Asphalt, Surface-treated				
IMPROVED ROADS Gravel, Stone, Topsoil-Sandclay				
GRADED ROADS Drained and Maintained				
DIRT ROADS Unimproved				

Mountain Passes

Usually closed in Winter

Usually open in Winter

Highway Markers

UNITED STATES 28 STATE 98 495

Mileages

MILEAGE BETWEEN TOWNS AND JUNCTIONS TOTAL MILEAGE BETWEEN DOTS 35

Map Symbols

- POINTS OF INTEREST
- FISH HATCHERIES
- AIRPORTS
- STATE PARKS
- TIME ZONE BOUNDARY
- ILLUSTRATED POINTS OF INTEREST

MAXIMUM SPEED LAW - 55 MILES PER HOUR

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1960

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17 mi. (BY ROAD) W WILLITS, MENDOCINO CO., CALIF.

3 APR. DROVE NORTH ON COAST HIGHWAY STOPPING
BRIEFLY AT CASPAR CREEK ($\frac{1}{4}$ mi. S CASPAR)
BUT AREA DID NOT SEEM TO HAVE
RHYACOPHILON. FUNGI COLLECTED. DROVE
N TO NOYO + CUT EAST ON STATE HIGHWAY
20. 17 mi. WEST OF WILLITS STOPPED
+ WORKED WET WOODS + DOWNED LOGS
BESIDE ROAD FROM 0900 - 1000⁺. GOT

BANCAENOCOS ATTENUATUS 20⁺

ENSATINA ESCHSCHOLTZI - 1 "CLOSE TO
OREGONENSIS
TYPE"

ANCELOS FERREUS - 2

THAMNAXIS ELEGANS - 1

COLLECTED FUNGI + BEETLES. SAW A
HILA.

13⁺ mi. (BY ROAD) W WILLITS (BRIDGE OVER JAMES CREEK) MENDOCINO CO., CALIF.

3 APR.
(CONT'D)

REACHED HERE ABOUT 1045 + STAYED
AN HOUR. WET WOODS, DEEP STREAM +
ARTHY OPEN DRY SLOPES. AREA WITHIN
100 YARDS OF BRIDGE WORKED. GOT:

DICAMPTODON ENSATUS 1 ad.

ANCELOS FLAVIPUNCTATUS 10⁺ (including 4 ya)

BANCAENOCOS ATTEN. 4⁺ (1 very young)

ANCELOS FERREUS 2⁺

ENSATINA 2⁺

CONTIA TENNIS (MURRAY TAMURA) 1
EUNICES SKINT. 5⁺ (common)

SELOPORUS OCCID. 2⁺
THAMNAXIS ELEGANS(?)

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1960

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1/4 mi. (BY ROAD) NW LUCERNE (MINE TUNNEL) LAKE Co., CALIF.

3 APR.

ARRIVED HERE 1400[±] + LOOKED IN 2
MINE TUNNELS. LOOKED IN DAMP PARTS
OF TUNNELS FOR A. FLAVIPUNCTATUS + GOT
FOLLOWING:

CORYNORHINUS

SAW 1 - COULDN'T GRAB IT

DIADORHIS AMABILIS

2 GIANTIC BO'S

ONLY 1 CAUGHT
- 1 SEEN SWIMMING IN POND
MINE ENTRANCE.

ANEIDES FLAVIPUNCTATUS 1 AD, 2 YOUNG

"

LUONGBELIS

1 YG.

BUFO BOREAS

1 AD

HYLA REGILLA

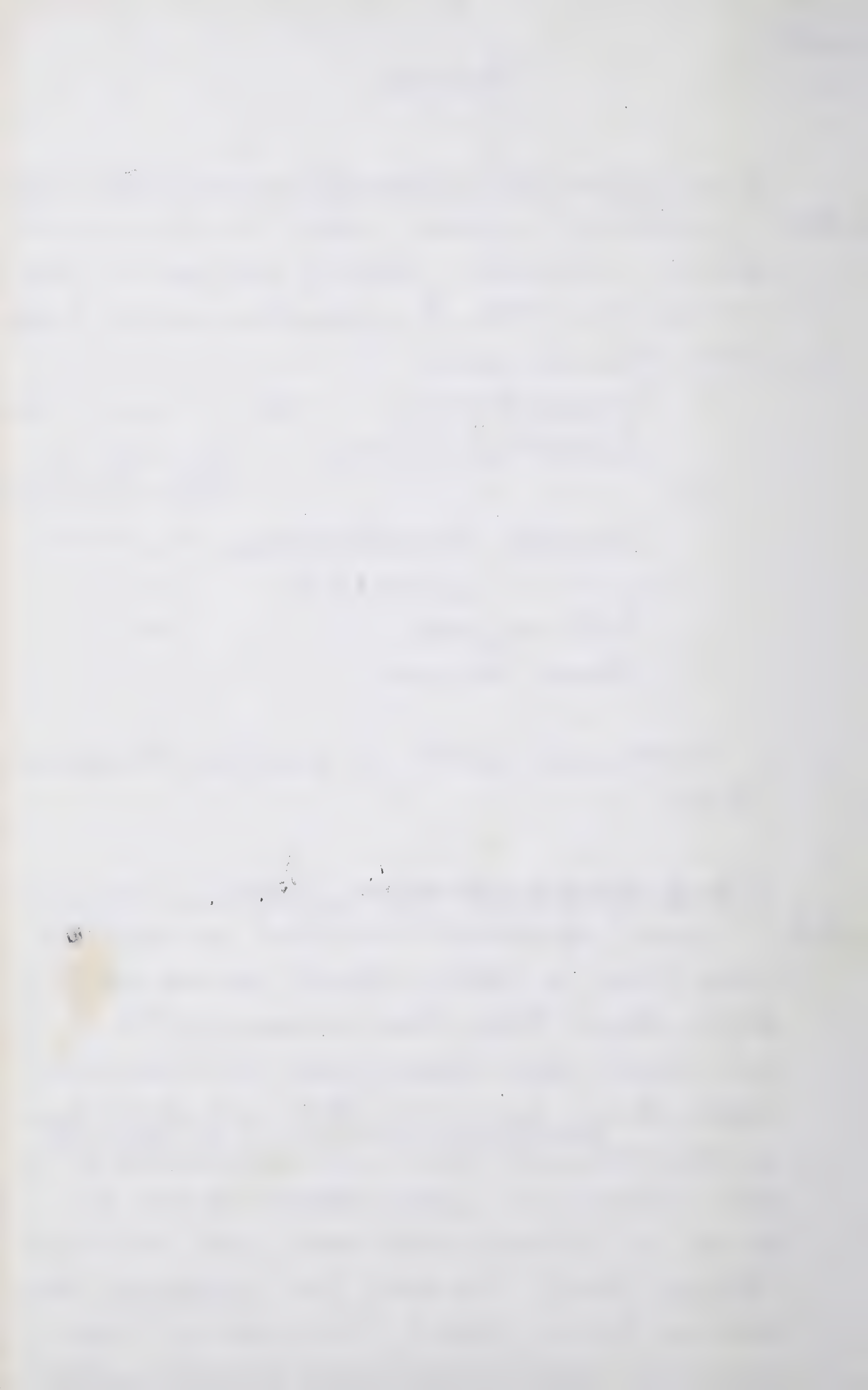
1

LEFT AT 1500[±] + ARRIVED BERKELEY
1830[±].

1/2 m. SW CAMERON, 3900[±] FT., KERN Co., CALIF.

15. APR.

LEFT BERKELEY AT 0930 WITH DR +
MRS QUAY + ARR'D ABOVE LOCALITY ABOUT
1800. DROVE PAST MONOLITH ABOUT 3⁰⁰ MI. +
CUT RIGHT OFF HIWAY OVER RR TRACKS +
WENT UP A BL-HECKTOP ROAD FOR ABOUT 1/2 MI.
(SITE OF CAMERON IS APPARENTLY AT JCT. OF HIWAY +
BL-HECKTOP ROAD.) + CAMPED. SET OUT 20 MUS. SPEEDY +
RAT TRAPS IN WASH BESIDE ROAD +
ALSO 25 SMALL SHERMANS ON HILLSIDE
BESIDE ROAD. PICKED UP DOMESTIC CAT
SKULL BESIDE ROAD. FLUSHED A SHORT-
WINGED REIFUS-COLORED GOATSUCKER



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1/2 mi. SW CAMERON, 3900 ± FT., KERN CO. CALIF.

15 APR

FROM HILLSIDE:

RAN TRAPS AT 0500-0600 & GOT 2+1
EACH OF 2 KINDS PEROGNATHUS ^{+ 5P}
SNAP TRAPS. IN LIVE TRAPS GOT
SEVERAL OF ~~THE~~ 2 PEROGNATHUS * &
SEVERAL PEROMYSCUS ^{MANICULATUS}. THUSHERS GOT -
SUCKER AGAIN FROM NEAR SAME
SPOT. IT FLEW WHEN - DID NOT
SEEM TO BE TORTOISE AT ALL EVEN
THO WEATHER WAS COLD & VERY
WINDY. PHOTO TAKEN 0600 LOOKING
NE SHOWING SHERMAN LIVE TRAPPING
AREA. DR. QUAY TOOK PEROGNATHUS (ESP.)?
PEROMYSCUS MANICULATUS & ALSO 2
DIPS (SP?). I FOUND A SMALL ^{LONG} DEER
CITELLUS ("LEUCURUS"-TYPE?) ^{PS. 18 APR. 1960;} 3 KINDS PEROGN

- * { P. ALPICOLA INEXPERTUS — SMOOTH; NOT BRUSH-TAILED
P. CALIFERNICUS — SLEEK; BRUSH-TAILED
P. INORNATUS — SMOOTH; YELLOWISH, NOT BRUSH-TAILED;
STRONG "HOUSE-MOUSE" odor

GRADLOCK, 2050 ± FT., KERN CO. CALIFORNIA

15 APR

STOPPED BESIDE ROAD ABOUT 0900 TO PREPARE
SPECIMENS. SHOT 3 CNEMIDOPHARUS & A BELL'S
SPARROW. ^{SAW 4 SMALL LIZARDS ALSO (URS?)} DR. QUAY SHOT A DESERT SPARROW
CAUGHT 2 BIG-BODIED MELOID(?) BEEETLES
& 3 SMALL BEEETLES. SAW A CITELLUS
LEUCURUS(?) & SHOT AT IT BUT EITHER MISSED

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1960

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GASLOCK, 2050[±] FT., KERN CO., CALIF.

15 APR. (CONT'D) OR IT MADE IT DOWN ITS HOLE - IN WHICH
IT WAS SITTING. SAW ALSO A YOUNG

TRAIL RABBIT. MRS. QUAY CAUGHT AN 8
OR 9 INCH LONG BOXER TOROID &
FOUND A DEAD BOXER(?) SNAKE A.D.R. 3
ALSO SAW A LARGE FLYCATCHER OR 2 BUT
COULD NOT GET CLOSE ENOUGH TO SHOOT.

LEFT FOR DEATH VALLEY AT 1120.

SAW A FEW RAVENS & T. VULTURES ON WAY. PICKED
UP A D.O.R. SNAKE (AGE # 1820) FRESHLY-KILLED,
1/2 MI. N FURNACE CREEK (DOWN) - 150[±] FT., INTO CO., CALIF.

16 APR. ARRIVED ABOUT 1700 LAST NITE & SET
OUT 34 SHERMANS & ABOUT 20 MIXED
RAT & MUS. SPEC'S IN ALKALI & SAND FLATS
WITH MESQUITE & TAMARISKS CLOSE TO
ENTRANCE TO FURNACE CREEK AIRPORT.
MRS. QUAY SAW ^{COOTS & DUCKS(?)} ~~DUCKS~~ ON FURNACE CREEK
MARSHES NEAR TRAPPING AREA. SHE ALSO
HEARD BULLFROGS. TOO MANY MOSQUITOES
TO SLEEP HERE SO DROVE ROAD ABOUT 20
MILES TO SANT CREEK CUTOFF & SLEPT
HERE. VERY WINDY SOON AFTER DARK &
A.K.A. REST OF NITE. RAN TRAPS ABOUT 0530
& GOT ONLY 1 DIPLO MERRIAM IN SHERMANS
& 1 D. MERRIAM ^(STILL ALIVE) NEOTOMA LEXIA & 2
PEROM. CRIMICUS IN SNAPS. DR. QUAY
GOT 6 DEER, 3 NEOTOMA LEXIA & 1



AL ZIEGLER
1960

~~CATMONS~~
JOURNAL

1/2 mi. N FURNACE CREEK (TOWN), -150± ft., INYO Co., CALIF.

16 APR.
(CONT'D)

P. ERMICUS? IN 25⁺ LARGE SHERMANS.
SAW 20-30 YELLOW HEADED B' BIRDS &
2-3 MOURNING DOVES, ALSO 2 BROWN SWALLOWS.
LAST PM AT DUSK SAW PERHAPS 10
SMOOTH BATS OVER FLATS. LEFT AT 0600
& DROVE N TO OWENS VALLEY WHERE WE
STOPPED & PUT IN STOPS. LAST NITE
WARM BUT WINDY WITH FULLISH MOON.
MOST OF NITE. SAW NO ANIMALS AT ALL
WHILE DRIVING TO CAMPING SPOT LAST
NITE. DROVE OVER WALKER PASS TO BOLLERS
FIELD & OUT HIGHWAY 466 TOWARDS ARBO
ROBER, IN AM. CUT UP HIGHWAY 33 & ARRIVED CAMP 1800.

5 mi. E COAHUINGA, FRESNO Co., CALIFORNIA

17 APR.

SET OUT 21 SMALL SHERMANS AT SANDY
CLIFF AREA JUST SE OF CITY. AT 1800 LAST
NITE. ALSO SAW A ROSS RUNNER THERE.
GOT 2 D. PO. NITRATOIDES & 2 P. MANICULATUS
DR. QUAY GOT 2 D. NITRATOIDES IN 25 SMALL
SHERMANS. HAD CAMPED AT FOLLOWING CO.
1 PHOTO TAKEN LOOKING W OVER D. NITRATOIDES AREA.

2.3 mi. N, 1.8 mi. W COAHUINGA, FRESNO Co., CALIF.

17 APR

SET OUT 13 SMALL SHERMANS IN FLATS
ALMOST BARE GROUND IN OIL FIELDS. GOT
2 D. PO. NITRATOIDES AND A YOUNG THOMOMYS!!
DR. QUAY SET OUT 20
LARGE SHERMANS & GOT 3 P. MANICULATUS IN

A.C. ZIEGLER
1960

Journal

17 APR
(CONT'D)

2.3 mi. N, 1.8 mi. W CASHING A, Fresno Co. Calif.
LARGE HOLES IN CENTER OF MOUNDS IN
THE FIELDS. PICKED UP YARDS + LEFT BEFORE
0600. LAST NIGHT I SAW A SMALL DIA.
(PENCIL-SIZED) SNAKE IN A SMALL HOLE
IN GROUND. WAITED FOR 15 MIN'S BUT
SNAKE WAS WATCHING ME + EVEN AFTER
2 OR 3 FALSE STARTS WOULD NOT LEAVE
HOLE. I FINALLY MADE A GRAB FOR HEAD
WHEN IT BECAME ALMOST TO ONCE TOES
BUT MISSED - DUG INTO BURROW BUT
COULD NOT FIND SNAKE. EYES SEEMED
QUITE PROMINENT + MARKING ON HEAD
+ NECK RESEMBLED HYPSIGENIA BUT
WILL HAVE TO CHECK IDENT IN BOOKS
UPON RETURN FROM TRIP. ATE BREAKFAST
IN CASHING + LEFT FOR BERKELEY ABOUT
0730. DROVE WEST ON STATE HWY 198 TO
SAN LUCAS.

5 mi. (BY ROAD) E SAN LUCAS, MONTEREY Co, Calif.
17 APR. PICKED UP A MARTICORNIS J.O.R. AT 0845.
SAW DEAD LAZULI BUNTING + HORNED LARK ALONG
ROAD. ALSO SAW REOWINGS, M. DOVES, 5 CALIF.
WILDEGUS, LARGE HAWK, 1 MARSH HAWK, 5+ SPAR.
HAWKS, 5+ MAXIES, 1 BURROWING OWL, +
5+ LARK(?) SPAR'S (THESE NEAR CASHING), ALSO
A DOZ OR SO ^{CAL.} GROUNDED SQS. ARR'D BERK. VIA 101 AT 1230

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1960

JOURNAL

13⁺ mi. (BY ROAD) N Adelanto, San Bernardino Co. Calif.

29 APR. LEFT BERN. AT 1230 & DROVE THRU
BADERFIELD TO ABOVE LOCALITY WHERE
WE TOOK 2 FRESHLY DEAD RHINOCHETUS
ON ROAD, ^{AT 2315} ~~NITE-DRIVING~~ ^{WITHIN A COUPLE OF MILES OF BADERFIELD} — SAW NO OTHER
EVIDENCES OF MAMMALS. THE GROUP WAS
DR. R.C. STEBBINS HERP. CLASS & I JUST
WENT ALONG FOR THE RIDE. CAMPED AT:
3 MI. N VICTORVILLE (MONARQUE RIVER), SAN BERNARDINO CO. CALIF.

30 APR. IN 34 SMALL SHERMAN LIVE TRAPS
TOOK 2 PEROG. LONGMEMBRIS & 1 PEROG.
MANICURATUS. CAUGHT BUFO BOSSAI IN
WILLOW THICKET WITH SMALL SEED LAST
NITE. SOME OF CLASS SETTED RIVER &
GOT A RANA CAESBARIANA Tadpole &
SOME SMALL "MINNOWS". LEFT ABOUT 0800
& DROVE TOWARDS BARSTOW.

3 1/2 MI. (BY ROAD) SW BARSTOW, SAN BERNARDINO CO. CALIF.

30 APR. FOUND ARIZONA D.O.R. — APPARENTLY
KILLED DURING NIGHT. DROVE ON THRU
BARSTOW & E ON HIGHWAY 466 TO:

7⁺ MI. (BY ROAD) ESE BARSTOW (DUGGETT DUNES), SAN BERNARDINO CO. CALIF.

30 APR. WALKED ABOUT 1/4 MI. N OF HIGHWAY &
WORKED SAND DUNE & GRAVELLY AREA
FOR HERPS. FROM 1000-1300. HERPS ^{SEEN OR} TAKEN:
UMA SPANBURIANA - 5⁺ SCeloporus Marmoratus - 1
" GRACIOSA - 1 Cnemidophorus - 25⁺
UMA SCORPIONA - 10 DIPSOSAURUS - 1

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1960

JOURNAL

30 APR.
(CONT.)

7^{1/2} MI. (BY ROAD) ESE BARSTOW (~~DOGGY~~ DUNES), SAN BERNARDINO CO., CALIF. -

G. A. HOBBS - 1

CRONANUS CELASTES - 1

CANISPAURUS - 25+

(COLLECT A HAIRY TENEBARUS
BEETLE FOR WARD KISSER &
FRIEND WOODY
~~THE~~ (= DR. M. M. GREGG?))

CAMPED HERE & SET OUT 24 SMALL
SHERMAN LIVE TRAPS IN SANDY AREAS
WITH SCATTERED BUSHES - (NOT CREOSOTE
OR SAGE) ^{WARM, SLIGHT COOL WIND.} DICK FLETCHER ^{NEWISH MOOD - SETTING DOWN AFTER DAY.} SET OUT 10

SMALL SHERMANS ALSO. WENT OUT TO
DUNES AT ABOUT 2400 & RAN FROM
CREOSOTE BUSH TO CREOSOTE BUSH LOOKING
FOR CHIONACTIS BUT SAW NO HEAPS OF
ANY KIND. DR. STEBENS HAS SEEN NO
TRAILS OF THIS SPECIES IN THIS AREA
DURING THE DAY SO PERHAPS DOES NOT
OCCUR HERE. NITE - DROVE ROADS AT
FOLLOWING LOCATION FROM 2000 - 2330 ON

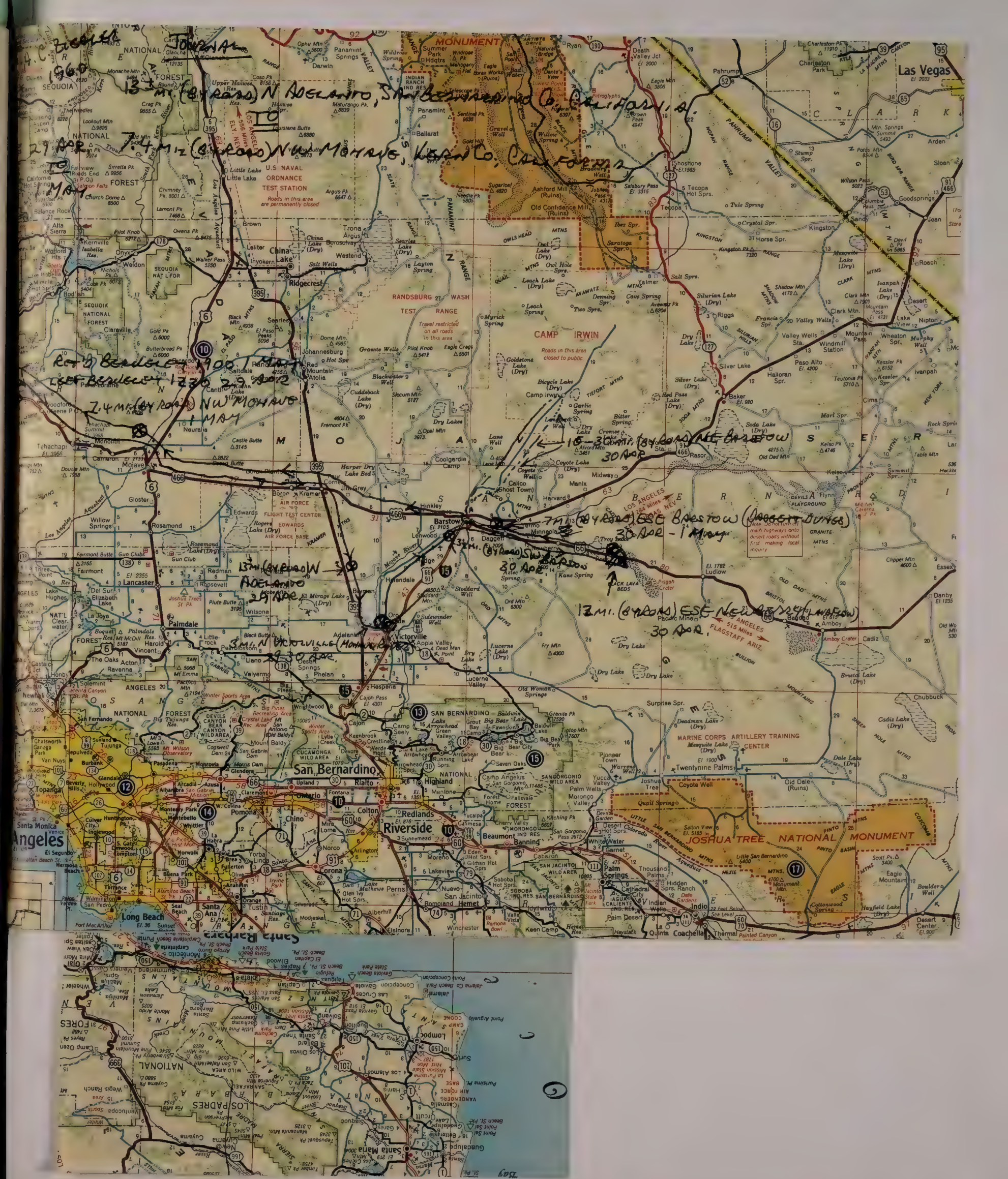
30 APR: (ALONG THE PAUGO ROAD TO CAMP IRWING)
[10-30 MI. (BY ROAD) NE BARSTOW, SAN BERNARDINO CO., CALIF.]

AND GOT 1 CRONANUS CELASTES, 1 PEROMYSCUS
PLATYRHINOS, 1 DIPLO MESSIAH (Y.O.), 1 PEROG.
LONG MEMBERS & 1 PEROG. PENICILLATUS (?) (Y.O.)
AND SAW 1/2 DOZEN OTHER SMALL MICE.

1 MAY

AT "DOGGY DUNES" IN TRAILING GOT
1 DIPLO MESSIAH & 12 PEROG. PENICILLATUS
DICK FLETCHER GOT 1022 DIPLO MESSIAH &
4 PEROG. PENICILLATUS. ALSO SAW CITRINUS
LEUCURUS ¹ LEUCUS AND AN ANTHON'S OTOMATIS.







Mendocino Coast
Russian Gulch State Park, pictured here, includes but a small part of the rugged coast of Mendocino County, which is followed many miles by State Highway No. 1.



Muir Woods National Monument
A grove of stately coast redwoods, the haunt of nature lovers, hikers dedicated to John Muir, great California naturalist. Trees up to 17 feet in diameter at base.



16 Sonoma Mission
Last erected in 1846, this mission is one of the other historic landmarks of the state.

22 Golden Gate Bridge
At San Francisco, this bridge is the longest in the world.

California
ROAD MAP OF
Prepared for
STANDARD OIL COMPANY OF CALIFORNIA

SCALE OF MILES—ONE INCH EQUALS APPROXIMATELY 21 MILES

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Populations of Cities and Towns
● State Capital
○ Communities
○ Under 250
○ 250 to 1,000
○ 1,000 to 25,000
○ 25,000 to 50,000
○ 50,000 to 100,000
○ 100,000 and over

Indicated County Seats

Map Symbols
● AIRPORTS
● FISH HATCHERIES
● POINTS OF INTEREST
● MILEAGE BETWEEN TOWNS AND JUNCTIONS
● TOTAL MILEAGE
● STATE BOUNDARY
● TIME ZONE BOUNDARY
● ILLUSTRATED POINTS OF INTEREST
● OTHER

Highway Markers
● U.S. HIGHWAYS
● STATE ROUTES
● OTHER

Road Classifications
● IMPROVED ROADS GRAVEL
● GRADED ROADS
● DIRT ROADS UNIMPROVED
● PAVED ROADS
● 4 LANE UNDIVIDED
● DUAL HIGHWAYS

Mountain Passes
● Usually closed in winter
● Usually open in winter

JOVANA

30 APR.

Flow and looked for HERPS from
1400 - 1630. ANIMALS WERE NOT SEEN

1400 - 1630. ANIMALS WERE NOT SEEN
TIL ABOUT 1530 WHEN THEY BEGAN

TO BECOME QUITE ACTIVE. WE LEFT
AT TIME THEY SEEMED TO BE MOST

Active interdependency, Party saw or got:
Phrynosoma platyrhinos - 2 (1 light-colored, 1 very dark)
Crotalus leucurus - 2 YG. in insect traps

CNEMIDACHORUS - 5 ~~1~~ (1 " " ")

UNA STARSBUERIANA - 8 (1 " " ")

LARGE WEEVIL — (1 " " ")

REGULATORS - 1 (6" INCHES SHELL LENGTH)

UTA GARCIA - 1

Cryptophytus — 2 (1 only seen, 1 covered)

Saururus - 3

DIPSOSAURUS - 2 or 3

CANNISAURUS — 12⁺ (SEEMS TO BE ACTIVE BEFORE OTHER LIZARDS)

~~That~~ After spending a night at Dunes
we packed & left about 0800[±] & drove
thru Mohave & towards Tehachas Pass !

7.4 mi. (by road) NW Monroe, Kern Co., Calif.

1 May

STOOD AT A JOSHUA TREE STAND WITH
S-FACING
ROCKY HILLSIDE & WORKED FROM 1000 - 1115

A.L. ZIEGLER
1960

JOURNAL

7.4 mi. (BY ROAD) NW MOHAVE, KERN CO., CALIFORNIA

1 MAY ON FLATS GOT XANTHUSIA VIGILIS, ~~WHA~~
(CONT'D) GRACIOSA + SAW A SCEROPORUS MAISTER
IN A JOSHUA TREE. ALSO SAW A MOCK-
ING-BIRD. IN A SANDY WASH GOT
CAMISSAUS. (A TENTHRA WAS ONCE
TAKEN ON A FLAT AT BASE OF
HILLS NE NEAR HERE). IN, OR UNDER,
ROCKS ON HILLSIDE GOT OR SAW:

SCEROPORUS MAISTER - 1 or 2

COLEONYX VARIEGATUS - 1

UMA STANSBURIANA - 4

(CAOTRAPHYS ?? - A LARVA UNIDENTIFIED
+ UNCAUGHT
- LIZARD MAY HAVE BEEN THIS GENUS)

XANTHUSIA VIGILIS - 5+ (AT LEAST 50 YOS.

FROM JOSHUA TREES).

SAW A 2 OR 3 INCH HIGH "CALIFORNIA -
POPPY" LIKE ORANGE FLOWER GROWING IN
ROCKY AREAS. PETALS SEEMED JOINED +
NO LEAVES WERE OBVIOUS. SEED ORANGE
WITH A DARK CENTER.

BOUGHT MAILING PER LUNCH AT 1300⁺ IN
BAILESFIELD + DROVE UP 99 FOR
BERDNEY. ARRIVED AT 1900
MOST LIVE PEROGNATHUS + DIPAS SENT
TO DR. M. JOHNSON OF PUGET SOUND MUSEUM
2 P. LONGMAN. GIVEN TO DR. STEBBINS TO GIVE
TO FRIENDS 3 OR 4 P. PENICILLATUS + S. LARVA.

A.C. ZIEGLER
1960

JOURNAL

3 mi. (by road) S Myers Flat, Humboldt Co., Calif.

17 JUNE

LEFT BERKELEY IN CAR OF, & WITH,
DR. W.B. QUAY & MRS QUAY AND N.B. MC
CULLOCH AT 1100. (SPSSOMETER 28831 -)
DROVE N ON US 101 TO ABOVE LOCALITY
ARRIVING ABOUT 1900 (SPSSOMETER 29075)
SET ^{35 MUSSELS & 2 RAT} TRAPS ABOUT 4 MILES S OF THIS
CAMP. (HIGGINS SPRING CAMPORO)
GOOD CAMP - WATER, TABLES,
VERY GOOD HOT WATER SHOWERS & LAVERIES
SET 12 ^(8 MUSSELS & 4 RAT) TRAPS IN CAMP. AT 2100.

18 JUNE UP AT 0530. GOT ONLY 3 P. MANICULATUS
IN CAMPORO. HEARD A PILLAGER W/SCORER
DROVE S ON HIGHWAY 101 TO 2ND MARI
SIDE AT 0700.

5.0 mi. (by road) S Myers Flat, Humboldt Co., Calif.

18 JUNE

GOT 6 or 7 PEROMYSCUS MANICULATUS
AT THIS SPOT. SAW ONLY 2 BOULDS.
ALSO SAW A CHIMUNK BESIDE ROAD. LOOKED
LIKE A TOWNSEND - NOT SO DARK AS
SONOMAE. DR. QUAY GOT ONLY P. MANICULATUS
IN 25 SMALL SHEPPARD'S. BOTH OF THE 2
LOCALITIES ABOVE ARE REDWOOD ASSOC'S
BUT THE CAMPORO. ONE HAS FAR FEWER
REDWOODS. AREA SEEMED RELATIVELY
DRY. SAW OLD MOLE SURFACE RUNS &
FOUND SMALL TUNNELS (TOO SMALL FOR
MOLE) IN LITTER BESIDE LOGS. SET MOST
OF TRAPS AT THESE IN-OUT TUNNELS.

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1960

JOURNAL

4 MI. (BY ROAD) S TRINIDAD (JULY LITTLE ROCK) HUMBOLDT CO. CALIF.
(Hwy 101)

18 JUNE

STOPPED AT ROADSIDE REST NEAR BEACH
TO SKIN ANIMALS. MRS. QUAY CAUGHT A THAMNODON
HERE AROUND BRUSH ON SANDY GROUND REEF
FAR UP FROM BEACH (#1885 A.C.Z.). DROVE
ALL DAY & TOWARDS NITE HAD NO LUCK
FINDING A NEADING SITE. FINALLY CAMPED
AT ABOUT 2230 AT CHAMPOER, PASSED ABOUT
15 MI. E S OF PORTLAND, OREGON. (75¢ PER CAR)
FIREPLACES & OUTHOUSE-TYPE LATRINES.
SINGLE TENTS NEAR SOME OF CAMPSITES.
UP AT 0530. MANY BIRDS: BOBWHITE, PHOEBASTRUS,
SONG SPARROW, JUNCO, VEERY, & OTHERS. BUNDS
MUCH LIKE THE MIDWEST U.S. - GRASSLANDS
& DECIDUOUS TREE THICKETS. MILES 29587
DROVE N ON 219, ^{JOINED US 99 W THEN ON} THRU PORTLAND TOWARDS TACOMA.
ON US 99. ABOUT HALF WAY TO TACOMA TOOK
STATE HWY 5 EAST AND DROVE THRU
EASTERN PART OF MT. RAINIER NATL PARK.
COLLECTED 25-30 BEETLES & OTHER BUGS FROM
FLOWERING HEADS OF SONG TYPE OF LILY(?)
AT RANGER STATION AT OHANAPECOSE
(ABOUT 2 MILES NORTH OF S BORDER OF PARK)
DROVE THRU PARK WITHOUT STOPPING -
ONLY ANIMAL SEEN WAS A CHIPMUNK AT
OHANAPECOSE RANGER STATION. FRESH SNOW
HAD FALLEN ABOVE 5000 FT. BUT OLD SNOW
BANKS PERSISTED DOWN TO ABOUT 4000 FT.

A.C. ZIEGLER
1960

JOURNAL

4 MI. (BY ROAD) S TACOMA (^{JUN. LITTLE RIVER}
& HIGHWAY 101), HUMBOLDT CO. CALIF.

18 JUNE
(CONT'D)

RAIN SINCE ABOUT TIME WE TURNED
OFF ON HIGHWAY 5 ALTHO SOME PARTS OF
PAK (SEEMINGLY THE SOUTH FACE OF THE
PASS) HAD NO RAIN. RAINED ON ROCK
ALL THE WAY TO TACOMA (BY WAY OF
HIGHWAY 5 TO RYANBUR, + 56 ~~TO~~ TO
PACLAND (HOME OF THE LUTHERAN CHURCH)
DECIDED TO PUT UP IN DOWNS UPON ARRIVAL
ABOUT 1300 BECAUSE OF RAIN. REGISTERED
+ AFTER BEING SWITCHEES FROM ONE
ROOM TO ANOTHER, SETTLED DOWN TO
MAMM. SOC. ANNUAL MEETING.

1 1/2 MI. NW SPANAWAY, PIERCE CO., WASHINGTON

21 JUNE

DR. QUAY SET OUT 20 SHERMANS IN A DENSE
SPRUCE FOREST WITH A FEW LARGE MAPLES +
SMALLER TREES IN UNDERSTORY. GROUND MOSSY
WITH AN INCH OR 2 OF HUMUS BUT MOSTLY
GRAVEL BELOW THAT. A FEW PICOBY DEER
+ A 15 FT WIDE VERY SHALLOW CREEK ~~WAS~~
OCCUR IN AREA. TRAPPING LOCATION IS ON "OLD
MILITARY ROAD", $\frac{3}{4}$ MI. WEST OF PACIFIC AVE.
I DID NOT SET HERE MYSELF LAST NITE. THIS
AM (21 JUNE) DR QUAY GOT 6 P. MANICULATUS
+ 1 Sorex neomexicanus. HE LEFT OUT HIS
TRAPS ALL DAY + THE WHOLE PARTY WENT
OUT AT 1600 TO SET MORE TRAPS.

A.C. ZIEGLER
1960

JOURNAL

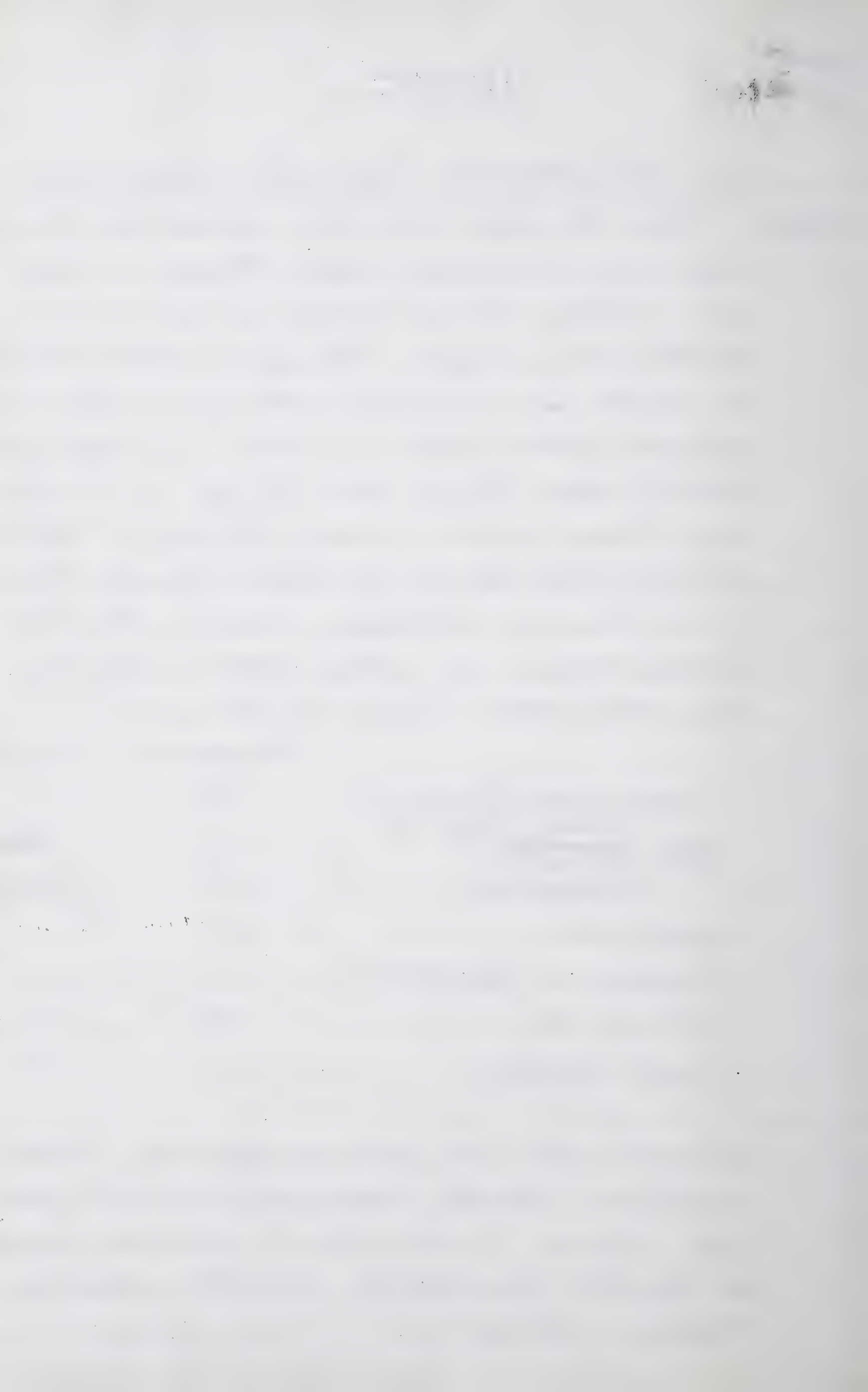
1 1/2 mi. NW SPANAWAY, PIERCE CO., WASHINGTON

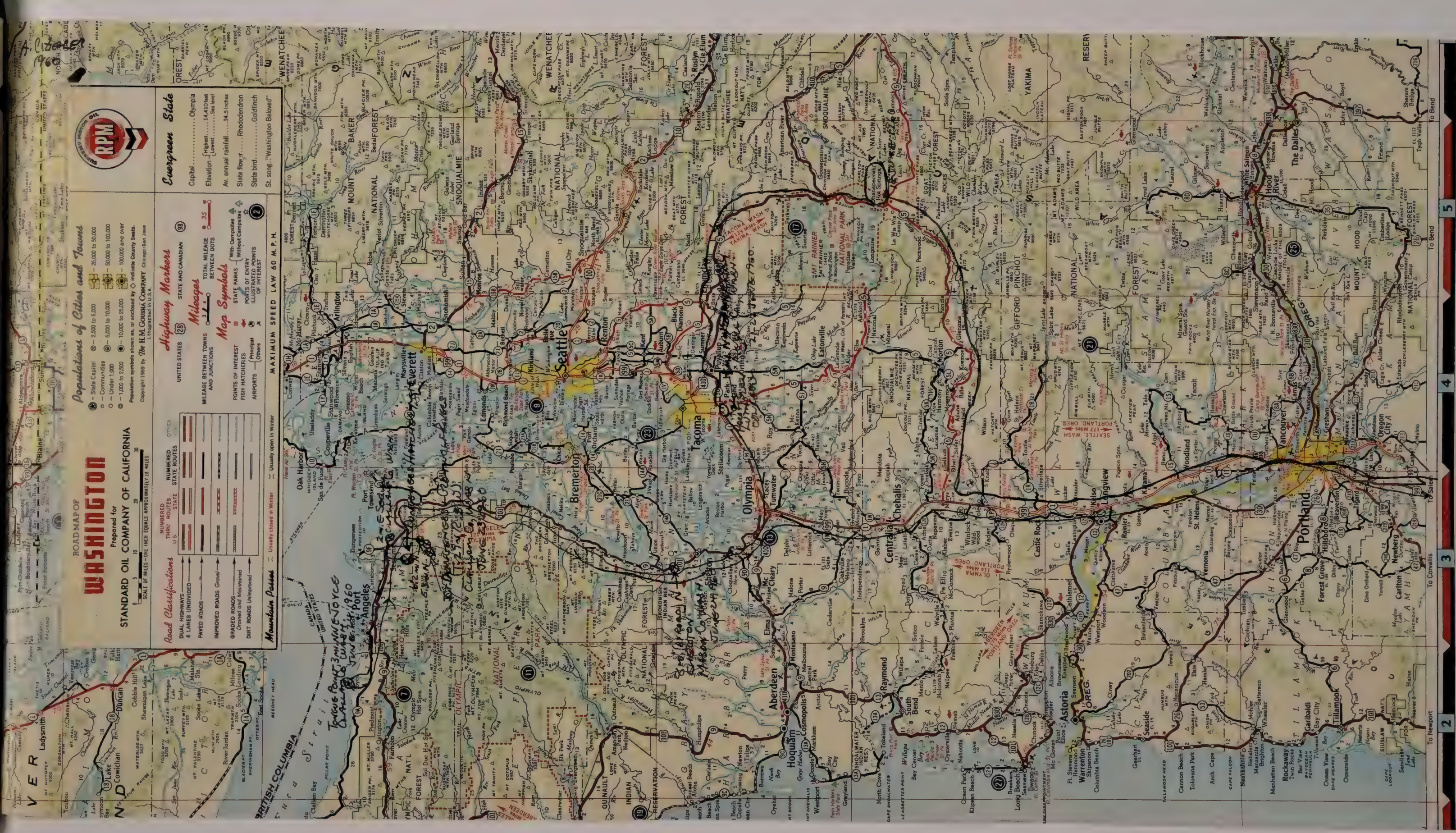
22 JUNE.

THIS AM RAN THE 70 LASSERSMALL
SHERMANS DR. QUAY & SANDY MCCULLOCH HAS
SET & ALSO 35 MUS SPEC'S, 4 BAT & 2
SCHWELLS I GOT. HAD SET 2 MAREBEE'S
IN MOLE RUN (OLD) BUT NO LUCK. WHILE
GETTING TRAPS LAST NITE GOT 1 P. MANICULUS
BESIDE LOG. ALSO GOT 1 BUTO IN MUDGY
POOL. SAW A FEW OTHER (RANA?) FROGS.
DR. Q. SAW A BRIDE GREEN HILA. ALSO
1 OR 2 SCIURUS DOUGLASSI SEEN. DR. QUAY
HAD
GOTTEN NOTHING IN LIVE TRAPS DURING
DAY YESTERDAY. RESULTS THIS AM:

	70 SHERMANS	4/5 NAB
<u>P. MANICULUS</u> (AUSTRIUS?)	15	6
<u>Sorex</u> obscurus <u>obscurus</u>	0	1
<u>Sorex</u> <u>obscurus</u> (??)	0	1
<u>THOMAS</u> <u>BRIDGES</u>	0	3 (0/4)
<u>NEOTOMA</u> <u>ICHAS</u>	0	1
<u>MICROTUS</u> <u>SP.</u> (TAMMENDI??)	1	1
<u>EUTAMIAS</u> <u>SP.</u>	2	0
<u>SCIURUS</u> <u>DOUGLASSI</u>	1	0

SKINNED OFF & ON DURING MORNING MAMMA
MEETINGS. AROSE, ATE LUNCH & LEFT ABOUT
1300. DROVE NORTHWAY 101 ON EAST SIDE
OF OLYMPIC PENINSULA. MILEAGE LEAVING
TACOMA = 30106. -





A hand-drawn map of the Lake Superior region, specifically focusing on the Duluth area. The map is titled "Duluth" in large, bold, black letters at the top. Below the title, there are several labels for geographical features: "Duluth" (in a smaller font), "Superior", "Lake Superior", "Lake Michigan", "Lake Huron", "Lake Erie", "Lake Ontario", "Lake St. Clair", "Lake St. George", "Lake Champlain", "Lake George", "Lake Placid", "Lake Ticonderoga", "Lake Champlain", "Lake George", "Lake Placid", "Lake Ticonderoga". There are also labels for "Duluth", "Superior", "Lake Superior", "Lake Michigan", "Lake Huron", "Lake Erie", "Lake Ontario", "Lake St. Clair", "Lake St. George", "Lake Champlain", "Lake George", "Lake Placid", "Lake Ticonderoga". A red line is drawn across the map, and a red circle is drawn around the Duluth area. The map is titled "Duluth" in large, bold, black letters at the top.

June 21 - June 22

U.S. National Parks and Monuments

MAP EXPLA
PRINCIPAL THROUGH BOU

Toll and Fully Limited Access Highways

Paved Roads

Improved Roads - Gravel

Graded Roads - (Crushed) gravel / Macadam

Main Connection Roads

A.O. ZIEGLER
1960

JOURNAL

6.2 MI. (BY ROAD) N. JCT. DUNGENESS & GREYWOLF RIVERS (T. 29N, R. 3W)
CLATSOP CO. WASH.

22 JUNE

STOPPED AT ABOVE LOCALITY & SET
20⁺ MUS. SPEC'S & 4 RAT TRAPS MOSTLY IN
DAMP, MOSSY CONIFER WOODS WITH NO UNDER-
STORY. DR. QUAY SET 12 #1 STEEL TRAPS
IN THE NUMEROUS APLODONIA BURROWS IN
THE 20-FOOT STRIP OF THICK 3-FT. HIGH
BRUSH BESIDE ROAD. MC. SET 25 ~~SHERMANS~~
SHERMANS IN THICK WOODS ALSO.

23 JUNE GOT 6 P. MANICULATUS (ORRIS?) AND ONE
CLETHRIONOMYS IN SNAPS. DR. Q. GOT NO
APLODONIA BUT SEVERAL TRAPS WERE SPRUNG
SO HE RESET & LEFT TO PICK UP LATER
IN DAY. MC. GOT 5 P. MANICULATUS.

5.3 MI. (BY ROAD) N. JCT. DUNGENESS & GREYWOLF RIVERS (T. 29N, R. 3W)
CLATSOP CO. WASH.

22 JUNE

I SET ONLY 5 TRAPS IN WET SWAMP
JUST BESIDE ROAD. MC. SET NO TRAPS.
DR. Q. SET 25 SHERMANS ALONG A WOOD-
LAND STREAM. I FOUND A YELLOW &
BLACK THAMNAXIS AND TWO BROWN &
REDDISH " UNDER 2 ROCKS ONLY

A FOOT APART IN OVERGROWN PASTURE.

23 JUNE

FOUND A "BEST-BUG"-LIKE LUCANO BEETLE IN COTTEN LOG
(IDENT. BY DR. V. MIOGASCOFF)
RAT TRAPS ABOUT 0630⁺ & GOT ONLY 7 V.C.
A SCAPANUS IN ONE 5 SNAPS. 2 OTHERS
SPRUNG - POSSIBLY BY APLODONIA. DR. QUAY
GOT 7 P. MANICULATUS, 1 Sorex ~~P. MANICULATUS~~ (ORRIS?)
& 1 ZOOUS.

A.C. ZIEGLER
1960

JOUANAH

JCT. DUNGENESS & GREYWOLF RIVERS 800± FT. (S. 30, T. 29 N, R. 3 W), (CLAWWASH WASH.)

22 JUNE

CAMPED AT THIS LOCATION AT DUNGENESS
FORKS CAMPGROUND. SAW MANY MOLE RUNS
AROUND CAMP. & SET 5 GARDNER TRAPS
^{IN THE MOLE RUNS}
WITH NO LUCK. DEQUAY SET 2 MOLE
TRAPS WITH SIMILAR RESULTS. I SET
7 MUS SPEC'S & 3 RAT TRAPS ALONG RIVER BANK
& ALSO UNDER THE THICK "BOSTON FERNS" 10-
15 FT. FROM RIVER. DR. Q. SET 25 SHERMANS
ALONG OTHER SIDE OF RIVER & IN BRUSH. MC
SET 16 MUS SPEC'S IN GRASS & FAIRLY BRUSHY
AREA BESIDE STREAM. MC ALSO SET 20
SHERMANS IN WOODS. MC GOT A Sorex
TOWBRIDGEI(?) ABOUT 2100 & AT 2200 I
RAN MY TRAPS & HAD 2 P. MANICULATUS & 1
Sorex PAUSTEIS. MICE RUNNING OVER
SLEEPING BAG IN CAMP DURING NITE.

CAMP HERE FAIRLY GOOD - OUTHOUSE LAKING,
TABLES, CONCRETE FIREPLACES, & WATER IN
RIVER. NO CHARGES SINCE IS NARROW CAMP.

23 JUNE RAN TRAPS AT 0500. I GOT 5 P.
MANICULATUS ONLY. DEQUAY GOT 5 ALSO.
MC GOT 5 P. MANICULATUS & 3 Zapus IN HIS TRAPS
ALSO 17 " " IN HIS 20 SHERMANS.

TOTAL FOR LAST 3 LOCALITIES FOR PARTY:

<u>P. MANICULATUS</u> (or <u>ZEAS?</u>) - 47	<u>CHETHAMONOMYS</u> - 1
<u>Zapus</u> - 4	<u>SCARDINUS</u> - 1
<u>Sorex TOWBRIDGEI</u> - 2	<u>Sorex BENEDICTI(?)</u> - 1
" <u>PAUSTEIS</u> - 1	

A.C. EGGLE
1960

JOURNAL

2 MI. E SEQUIM, CHASMAN CO, WASHINGTON

23 JUNE

Ate in SEQUIM AT 1200 AFTER
PUTTING UP SPEES IN A LITTLE PICNIC
SPOT ON BAY ABOUT 2 MI. E OF TOWN.
BEFORE A CULVERT LEADING OFF WATER
FROM A HILL I GOT A LARGE & A
SMALL RAVA WITH REDDISH LEGS &
FEET. ALSO GOT A TINY TRACHIA
WHILE TESSING UP A ROTTEN LOG BESIDE
PICNIC AREA. AFTER LUNCH DROVE TO
NEARBY DUNGENESS FISH HATCHERY TO
LOOK FOR BATS. DR. BENSON & ~~DR~~ BROWN
HAD COLLECTED HERE 4 YEARS AGO &
HAD GOTTEN BOTH MYOTIS YUMANENSIS
& LUCIFUGUS IN A BUILDING HERE.

DUNGENESS ~~FISH~~ HATCHERY, 500[±] FT. 4 MI. SSW SEQUIM,
CHASMAN CO. WASH.

23 JUNE

MR. BRENNAN, THE SUPERVISOR SHOWED US
OF THE BATTIMENT IN THE MAIN BUILDING
THE ATTIC WHERE WE SAW 100+ BATS CLUSTERED
AROUND THE BACK CHIMNEY. WE COLLECTED
2-3 DOZEN. SAW BOTH ADULT (MYOTIS) & YOUNG.
THE YOUNG SEEMED BIG ENOUGH TO FLY FOR
THEMSELVES BUT WE DID NOT HAVE AN OPPOR-
TUNITY TO SEE IF THEY REALLY COULD.

CAUGHT A BROWN & RED THAMNOCHIS IN GRASS
NEAR THE MAIN BUILDING. THIS IS A SALMON
HATCHERY. DROVE ALONG N SHORE OF OLYMPIA PEN.
PAST PORT ANGELES TO SOME CAMPGROUNDS NEAR JOYCE.



A.C. ZIEGLER
1960

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TONGUE POINT, 3 MI. NNE JOYCE, CHALLAM CO., WASH.

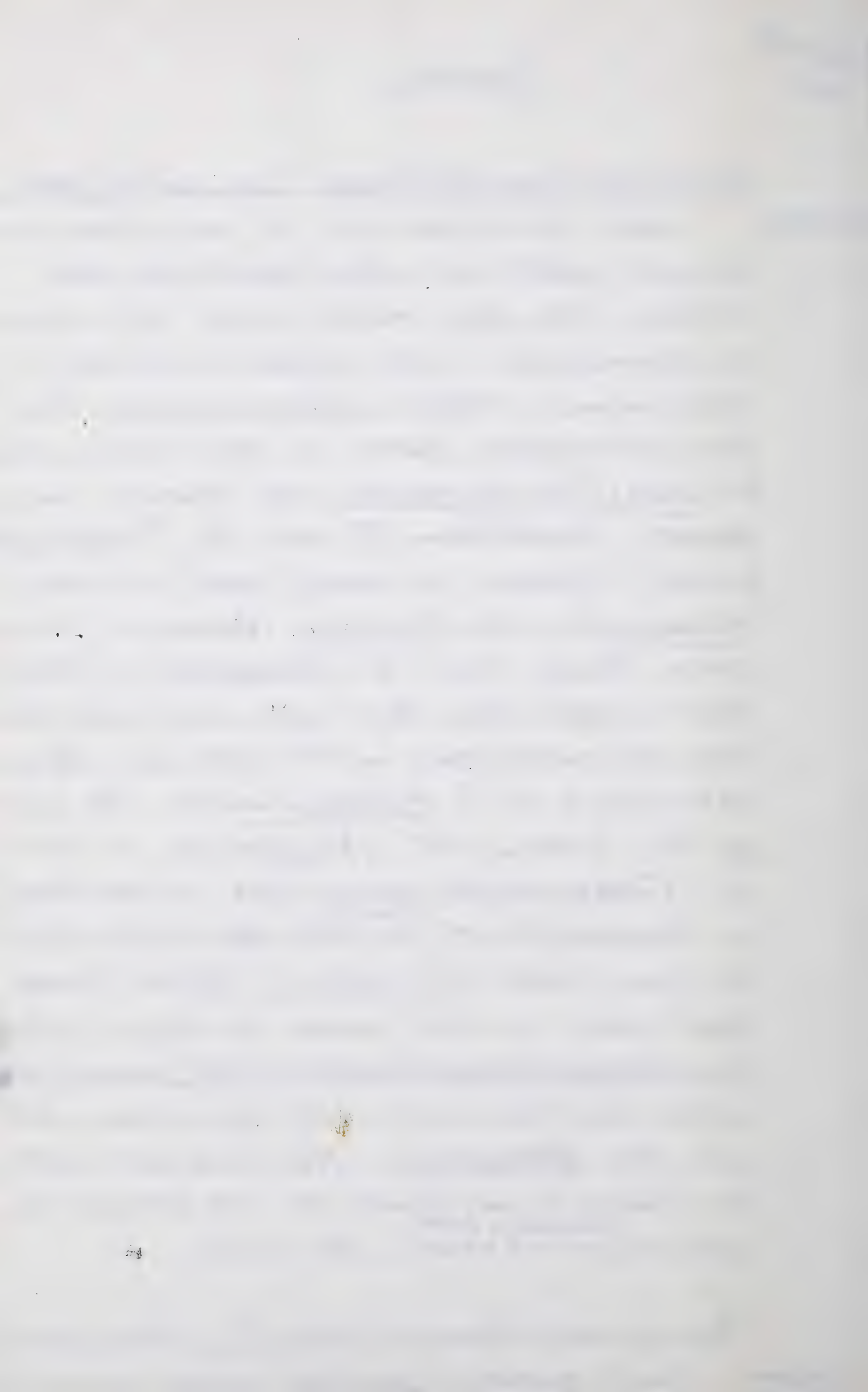
24 JUNE

LAST NITE SET OUT 35 MUS. SPECIES & 6 RAT TRAPS IN VERY THICK CONIFER WOODS - TWO ALL TREES ONLY 3-4 INCHES IN DIAMETER - NO UNDERSTORY BUT SOME HUMUS, MOSS & ROTTEN LOGS. SET SOME OF THESE TRAPS IN THE SMALL STEEP OF GRASS, THIMBLEBERRY, etc. ALONG THE ROADS. ~~DR. QUINN~~ I GOT 8 P. MANICULATUS (ORRIS?) - (MOSTLY IN WOODS) AND A SMALL MICROTINE & 2 SHREWS (WAGGERS?) ALONG THE ROADS. SET 2 MAREBEEES IN MOLE RUN UNDER ROAD BUT NO LUCK. DR. QUINN SET 50 SHERMANS & MC SET 25 - BOTH GOT ONLY 15 ± P. MANICULATUS. DR. QUINN SET #1 STEELS FOR APLODOONTA & GOT 1. THESE TRAPS WERE SET IN BUSHES IN CLEARINGS OF ^{EITHER} GRASS OR SOME SORT OF 3 FT. HIGH ERICACIO PLANT. LEFT ABOUT 0615 & WENT BACK TO 6.2 MI. (BY ROAD) N. JCT. DUNGENESS & GREY WOLF RIVERS, (T. 29N, R. 3W), CHALLAM CO., WASH. WHERE DR. QUINN HAD LEFT HIS STEEL TRAPS OUT FOR APLODOONTA. HE CAUGHT TWO. WE DROVE S ON HWY 101 TO FOLLOWING LOCALITY, ^(A ROADSIDE PARK) TO PREPARE ANIMALS:

8 MI. (BY ROAD) N SHELTON, MASON CO., WASHINGTON

24 JUNE

HALF-SHADOWED CONIFER WOODS WITH A



A.C. ZIEGLER
1960

JOURNAL

8 MI. (BY ROAD) N SHELTON, MARION CO., WASHINGTON

24 JUNE
(CONT'D)

10 FT. - WIDE STREAM IN LARGE GULCH. OLD
MOSSY ROTTEN LOGS ABOUT 10 FT. FROM
STREAM GAVE A PLETHODON + AN ENSATINA
IN ABOUT 15 MINUTES OF LOOKING. MASQ.
SAW A SMALL FROG NEAR OR IN STREAM
BUT DID NOT CATCH IT. LEFT ABOUT
1200 + HEADED SOUTH TOWARDS PORTLAND.
SALAMANDER LOCALITY IS ~~ROUGHLY~~ MEAS-
URED FROM ROUGHLY FROM THE CENTER
OF THE SPARKLING TOWN OF SHELTON.
PICKED UP A "BLISTER-BEETLE"-TYPE BEETLE
ON TABLE AT THIS LOCALITY ALSO.

13 MI. (BY ROAD) NE SALEM, MARION CO., OREGON.

24 JUNE

STOPPED AT A ROADSIDE PARK TO PREPARE
ANIMALS ABOUT 1800. LOOKED IN GRASS, UNDER
A FEW LOGS + ALONG STREAM FOR HEADS
BUT FOUND ~~ONLY A~~ ^{ONLY A} TARICHA IN A ROTTEN LOG.
DR. QUAY GAVE ME 4 HEADS
FROM DUNGEON FISH WHATEVER WHICH HAD
DIED DURING THE NIGHT. I PREPARED THEM
AS ALCOHOLIC SPECIMENS. LEFT ON US 99E
AT 1930 HEADING FOR CALIFORNIA. STOPPED
ALONG A SMALL SIDE ROAD + SET NO TRAPS.
UP AT 0400 25 JUNE + ON WAY TO BERKELEY.
ARRIVED AT BERKELEY ABOUT 2100.

A.C. ZIEGLER
1960

JOURNAL

JULY 23

SONORA PASS, 9625[±] FT., TUOLUMNE CO., CALIF.

LEFT BERKELEY WITH TAO KENNY, A BA
IN ZOO. ENTERING V.C. GRAD SCHOOL IN
FARM, IN DR. QUAY'S CAR AT 0630.
ARRIVED SONORA PASS ABOUT 1100 WHERE
WE SHOT SOME SPEC'S FOR DR. QUAY'S
SHER. COLLECTION FOR CHAS (200106) USE.
GOT: 4 CITRELLUS BELORENTI, 1 WH-CAD. SPAR,
1 RUFOUS-CAD SPAR, 1 VESTER SPAR. DR.
QUAY GOT 2 BLUEBIRDS (MT?) & A
FINCH OF SOME SORT. SAW 3 CHANTS
NUTCRACKERS, ALLEN (+ ANNA) H'OS
JUNCOS, ROBINS & A PURPLE(?) FINCH.
^{TOOK PHOTO LOOKING N(?) OF TYPICAL HIGH MOUNTAIN.}
DROVE TO ABOVE LOCALITY (ABOUT 8.9 MI.
E OF MAIN HIGHWAY ⁽³⁹⁵⁾ CUTOFF ^{ON RT. 81}) & I SET
20 SMALL SHERMANS & QUAY & KENNY
SET 25 LARGE SHERMANS. SAW A
UTA-TYPE LIZARD. DROVE ON E ON
HAWTHORNE ROAD FOR 2.0 MI. MORE.
& I SET 14 SMALL SHERMANS & QUAY
& KENNY SET ~~20~~ 20[±] LARGE SHERMANS. SAW
GOAT WORKING ALONG EDGE OF ROAD
AT THIS LOCAL. & MADE 3 SETS OF
2 TRAPS EACH. SAW A LEWIS CHIFF.
NEAR HERE AT 1630 ALONG ROAD.
PHOTO TAKEN OF T.P. KENNY LOOKING S.
DROVE DOWN ROAD 2.3 MI. FURTHER E
I SET 30 SNAPS & 5 RAT TRAPS. THIS AREA

A.C. ZIEGLER
1960

JOURNAL

JULY 23
~~(1960)~~

8½ mi. S Badger, 6500± ft, Mono Co. California
SLIGHTLY MORE SANDY THAN FIRST TWO.
DROVE TO LEEVING FOR SUPPER & DROVE
UP LEEVING CREEK ROAD FOR 5.2± MI.
TO BIG BEND CAMPGROUND WHERE SET
10 MOUSE SNAP TRAPS ALONG CREEK FOR
WATER SHREWS. GOT ONLY 5 PEROMYSCUS
MANICULATUS. CAMP IS FREE, HAS NO
WATER EXCEPT STREAM, & HAS A FEW
SCATTERED OUT HOUSE LATTICES & GARAGE
CANS. RELATIVELY UNIMPROVED THRUOUT
~~OUT~~ SO A PERSON OUGHT TO BE ABLE
TO CAMP IN THE AREAS HERE WHETHER
TOURIST SEASON OR NOT. A SCATTERED
SHOWER OR TWO DURING NIGHT. AT 0500
JULY 24 GOT A LARGE BUTO HOPPING
THRU CAMP. DROVE BACK TO MONO LAKE TO
PICK UP TRAPS. AT FIRST LOCATION:

JULY 24 PARTY HAD SET 25 LARGE & 20 SMALL
SHERMANS & CAUGHT:

MICROTUS - 11±

DIP - 4 (SPA?)

PEROMYSCUS MANICULATUS - 10±

PEROGNATHUS (ARVUS?) - 1

EUTAMIAS - 5

SAW 4 OR 5 LEPUS ALONG ROAD ABOUT
0630 - 1 WAS ABOUT HALF GROWN.

A.C. ZIEGLER
1960

JOURNAL

8 mi. S, 2 mi. E BOONE, 6500 \pm FT., MONO CO., CALIF.

JULY 24
(CONT'D)

AT THIS SPOT PARTY SET 85 MIXED
SMALL + LARGE + GOT:

MICROTID. - 25 \pm

DIPID - 4 \pm (SPP.?)

PEROMYSCUS MAN. - 15 \pm

PEROGNATHUS PARVUS - 2

EUTAMIAS - 4 \pm

GODHES SETS NOT TOUCHED

7 mi. S, 4 mi. E BOONE, 6500 \pm FT., MONO CO., CALIF.

JULY 24
(CONT'D)

DROVE E TO LAST WRAPPING LOC. ^{SUNSHINE}
SHOT A ~~ROCK-LEGGED~~ ~~SWAMP~~ ~~SWAMP~~
HAUK FOR DR. QUAY'S CARES USE.

I HAD SET ~~35~~ 35 SNAPS + QUAY +
KENLEY HAD SET 50 MIXED SHERMAN
GOT:

MICROTID. - ~~16~~ 16 \pm

DIPID - 8 \pm (SPP.?)

PEROMYSCUS MAN. - 25 \pm

EUTAMIAS - 4

FIXED UP ANIMALS + LEFT ^{AT 0845} FOR HOME
VIA BRIDGEPORT (FOR BREATHERS) +
SONORA PASS

1 1/2 mi. W FALLES HOT SPRINGS, 7100 \pm FT., MONO CO., CALIF.

JULY 24
(CONT'D)

PICKED UP A FAIRLY FRESH DOG MUSKIE
ON ROAD HERE. SAW ALSO 3 DEAD
POCUTINES ALONG ROAD + 2 DEAD DEER.

A.C. ZIEGLER
1960

~~Camp~~ Journal

1½ mi. W FALLES HOT SPRINGS, 7100± FT. MONROE CO., ARIZ.

JULY 24
(CONT'D)

AT SONORA PASS SAW CITELLUS BEANII
AND A COUPLE OF MILES W OF PASS
SAW A DEAD MARMOT (SP?) ON ROAD &
SOME AMOUNT OF MARMOT DRIPPING ON
ROCKS BESIDE ROAD. SAW ALSO FRESH Gopher
WORKINGS & A CHIPMUNK (SP?), STOMACHES
BESIDE ROAD NEAR ^{DEAD} MARMOT TO PUT UP
SKEL'S WITH DR. QUAY.

UNFORTUNATELY, LOST EVERY LIVE
ANIMAL TO THE HEAT COMING
HOME — EVEN THE GUTTED SNARE-
TRAPPED ANIMALS WERE SHIPPING.

Ziegler, A.C.

1960

Species Accounts

Birds

Mammals

Birds

A.C. ZIEGLER
1960

"Owl"

1 MI. W BOLINAS P.O., 120± FT., MARIN CO., CALIF.

APRIL 19

NOTES ON OWL PELLETS COLLECTED IN
BY WILLIAM J. HAMILTON, III.
CONIFER (CEDAR?) GROVE, CLOSE TO ACRES WHICH
I TRAPPED FOR SEVERAL WEEKS IN SUMMER OF
1958. BIRD NOT SEEN. ^{BUT PELLETS OF BARN OWL OR HORNED} MATERIAL ^{OWLS} CONSISTS
OF ABOUT 48 WHOLE PELLETS & A DOUBLE
HANDFUL OF DISINTEGRATING PELLET MATERIAL.
ONLY CRANIA & MANDIBLES WERE COUNTED.
EACH PART AS 1 INDIVIDUAL TO SAVE TIME.
PELLETS WERE TORN APART & SKULLS ROUGHLY
SEPARATED BY HANS MARICA - A YOUNG
FELLOW DOING VOLUNTEER ODD JOBS AROUND
THE MUSEUM. IDENTIFICATIONS CHECKED BY
MYSELF. HAVE NO IDEA HOW MANY YEARS
THE PELLETS HAD BEEN COLLECTING.

Pellet #	INDIVIDUALS			
1	<u>Microtus</u> (1)	15	<u>Microtus</u> (1)	29 <u>Scapanus</u> (1)
2	" (1)	16	<u>Neotoma</u> (1)	30 <u>Microtus</u> (1)
3	" (1)	17	" <u>Bird</u> (1); <u>Reithrodontomys</u> (1)	31 <u>Scapanus</u> (1)
4	" (2)	18	<u>Microtus</u> (1) <u>Neotoma</u> (1)	32 " (1)
5	" (2); <u>Reithrodontomys</u> (1)	19	<u>Neotoma</u> (2)	33 <u>Thomomys</u> (2)
6	" (2); <u>Bird</u> (1)	20	<u>Microtus</u> (1)	34 <u>Microtus</u> (1)
7	" (1); " (1)	21	" (1); <u>Bird</u> (1)	35 <u>Thomomys</u> (1)
8	" (2)	22	<u>Neotoma</u> (1)	36 <u>Microtus</u> (1)
9	} PELLETS NOT TORN APART - LEFT BY HANS.	23	<u>Microtus</u> (2)	37 " (1)
10		24	" (2)	38 " (1)
11		25	" (1)	39 " (1)
12		26	" (1)	40 " (1)
13		27	" (1)	41 " (1)
14	<u>Microtus</u> (1)	28	" (4)	42 " (1)

A. L. ZIEGLER
1960

"OWL"

(2)

1 mi. W BOLINAS P.O., 120[±] FT., MARIN CO., CALIFORNIA

APRIL 19
(CONT'D)

# 43	<u>MICROTUS</u> (1)	46	<u>SCAPARUS</u> (1)
44	" (1)	47	<u>MICROTUS</u> (1)
45	" (1)	48	" (1)

LOOSE PELLET MATERIAL:

TOTAL:	<u>Sorex</u> SP. — (5)	<u>MICROTUS</u> — (88)
	<u>SCAPARUS</u> — (9)	
	<u>NEUROTRICHUS</u> — (3)	
	<u>"RABBIT"</u> — (3)	
	<u>THOMOMYS</u> — (16)	
	<u>PEROMYSCUS</u> — (1)	
	<u>REITHRO</u> (?) — (1)	
	<u>NEOTOMA</u> — (1)	
	<u>"BIRD"</u> — (2)	

GRAND TOTAL FOR APRIL
PELLET MATERIAL:

<u>Sorex</u> SP.	—	7
<u>SCAPARUS</u>	—	13
<u>NEUROTRICHUS</u>	—	5
<u>"RABBIT"</u>	—	3
<u>THOMOMYS</u>	—	19
<u>PEROMYSCUS</u> (MANIC)	—	1
<u>REITHRO</u>	—	3
<u>NEOTOMA</u>	—	4
<u>MICROTUS</u>	—	130 [±]
<u>"BIRD"</u>	—	3
<u>"HERPS"</u>	—	0

GRAND TOTAL FOR TRAPPING
JUNE 22 - JULY 24, 1958:

<u>Sorex</u> (TRANSALOE) —	14
<u>SCAPARUS</u> —	2
<u>NEUROTRICHUS</u> —	19
<u>"RABBIT"</u> —	0
<u>THOMOMYS</u> —	1
<u>PEROMYSCUS</u> (MANICULATUS) —	0
<u>REITHRO</u> —	2
<u>NEOTOMA</u> —	12
<u>MICROTUS</u> —	26
<u>"BIRD"</u> —	12
<u>"HERPS"</u> —	2 + 13 (HMS)

A.C. ZIEGLER
1960

"Owl"

(3)

APRIL 19
(CONT'D)

1 MI. W BOLINAS P.O., 120 \pm FT., MARIN CO., CALIFORNIA

SCAPANUS & THOMOMYS WERE MORE COMMON IN 1958 THAN MY TRAPPING RESULTS INDICATE. — AT LEAST FROM SIGNS OF THEIR WORKINGS. I HAD ONLY 1 MOLE TRAP & 2 MAREMMES & ONLY SET THESE IN A FEW RUNS AROUND THE HOUSE. I WAS SURPRISED HOW FEW PEROMYSCUS ARE APPARENTLY IN THE AREA. ALSO HOW FEW REITHRODONTOMYS, BUT THE PELLET CONTENTS CORROBORATE MY TRAP RESULTS. THERE IS PLENTY OF APPARENTLY SUITABLE HABITAT FOR BOTH SPECIES HERE.

AS FOR NEUROTRICHUS, I PROBABLY GOT MORE THAN THE OWLS DID SINCE I WAS TRAPPING IN DUG-OUT RUNS IN RATHER THICK BRUSH WHERE THE BIRDS WOULD HAVE DIFFICULTY HUNTING.

ALL OF THE SCAPANUS PELLET CROWN & MANDIBLES SEEM TO BE OF YOUNG INDIVIDUALS JUDGING BY AMOUNT OF TOOTH WEAR.

ALL ^{PELLET} MATERIAL DISCARDED AFTER STUDY WAS COMPLETED.

Mammals

A.C. ZIEGLER
1960

SOLEX BENDIRI

(T. 29N, R. 3W)

5.3 mi. (BY ROAD) N JCT. JENSENNESS & GREYWOLF RIVERS, Carbon Co. WY.

JUNE 23 DR. QUAY TOOK OUT OF (PROBABLY) THIS SP.
ALIVE IN A SHERMAN. DID NOT HAVE CHANCE
TO COMPARE IT WITH MUSEUM SPECIMENS BUT
REMEMBER THAT ITS NOSE (IN THE FLESH)
SEEMED TO BE RATHER EXPANDED ANTERIORLY
AT THE ANTERIOR PART OF SNOUT RATHER
THAN COMING TO A POINT AS IN ADULTS
TRAPPING AREA WAS A DARK, DAMN
WOODED STREAM BORDER OF BOO ACCORDING
TO DR. QUAY. HE HAS THE PRESERVED SPECIMEN
IN HIS OWN COLLECTION.

A.C. ZIEGLER
1960

SOREX ORNATUS

1.0 mi. N, 2.0 mi. E MARTINEZ (SALT MARSH), CONTRA COSTA CO., CALIF.
FEB. 23 ADJ JA ♂ FOUND DEAD IN LIVE TRAP
BY GEO. F. FISHER, TESTES 4x6 + EPID. TUBULES
NOT BARELY VISIBLE MACROSCOPICALLY. ANAL
GLANDS ABOUT 2 mm² BUT SURPRISINGLY
EVEN WHEN CRUSHED.
W/OUT NO OOCYTES. GEO. SAID ANIMAL HAD THE
"METAMPHIC" WHEN TAKEN OUT OF TRAP. IT
WAS FROZEN FOR ONE DAY BEFORE SKINNING.

A.C. ZIEGLER
1960

Sorex araneus

Jct DUNGENESS & GRAYWOLF RIVERS, 800th ST, CLARKSON CO, ILL.

JUNE 22 TOOK 1 IN "BOSTON FERNS" ABOUT 2000 - 2200 TONITE. ANIMAL CAUGHT ABOUT 10-15 FT. FROM STREAM IN DUG-OUT RUN IN LEAF LITTER. APPARENTLY MUST HAVE BEEN WORKING OR AT LEAST LIVING IN SOME AREA OTHER THAN THE VERY EDGES OF THE STREAM.

A.C. ZIEGLER
1960

Sorex rowleyi

1 1/2 mi. NW SPANAWAY, Pierce Co., Washington

JUNE 21

TOOK 3 or 4 in SNOWY PLOTS in WET THICK WOODS. TOOK ALSO 1 S. V. VAGANS + A NEUROTRICHUS HERE. ONE SPECIMEN OF THE ~~3~~ 4 WAS QUITE WHITISH UNDERNEATH (#1889 SET) AND MAY BE A S. V. SETOSUS WHEN THE CLEANED SKULL IS EXAMINED. DR. QUAY TOOK ANOTHER ROWLEYI IN A LIVE TRAP HERE NIGHT BEFORE LAST.

JCT. DUNGENESS & GREYLOCK RIVERS, 800⁺ FT. (S. 30, T. 28N, R. 3W) WASHINGTON CO. WASH.

JUNE 23

McCULLOCH TOOK ONE in SNOWY PLOT AT 2100 LAST NITE in GRASS + BRUSH AREA BESIDE RIVER. 3 ZODUS ALSO TAKEN BY HIM IN SAME AREA.

A.P. ZIEGLER
1960

Sorex vagrans vagrans

1 1/2 mi. NW SPANAWAY, PIERCE CO., WASHINGTON

JUNE 22 TOOK 1 HERE ALONG WITH 3 S. TROW.
+ 1 (POSSIBLE) S. V. ~~SEE~~ SETOSUS #188922.
THIS SSP. IS RATHER SMALL & QUITE REDDISH
BROWN COMPARED TO THE TROW & SETOSUS.

TONGUE POINT, 3 mi. NNE JOYCE, CHAMPAIGN CO., WASH.

JUNE 24 TOOK 2 HERE, NOT IN THICK WOODS, BUT
IN GRASSY & BRUSHY AREAS ALONG ROAD.
ONE WAS TAKEN IN TRAP SET ACROSS
A DUG-OUT UNDERGROUND RUN & APPARENTLY
HAD SPRUNG THE TRAP BY JUST RUNNING
ACROSS IT. TOOK ALSO 1 MICROTUS ALBIVENTRIS,
IN SAME TYPE OF SITUATION.

A.C. ZIEGLER
1960

NEUROTRICHUS GIBBSI

1½ MI. NW SPANAWAY, PIERCE CO., WASHINGTON

JUNE 22 1 TAKEN IN DARK MOSSY WOODS WITH
LITTLE UNDER STORY IN DUG-OUT LEAF
LITTER AT BASE OF LARGE TREE. S. VABRANS
VABRANS + S. TROWBRIDGEI ALSO TAKEN HERE.

A.C. ZIEGLER
1960

SCARINUS ARARIBES

5.3 mi. (BY ROAD) N-Jct. DUNGEWESS & GREYWOLF RIVERS ^{Cherokee Co. W. Va.}
(T. 29 N. R. 3 W.)

JUNE 23

1 TAKEN IN SNARE TRAP BEHIND LOG SET
WHERE I SAW WHAT I THOT WAS A
MICROTUS RUNNING YESTERDAY AFTERNOON.
COULD NOT TELL IF THIS MOLE WAS YOUNG
OR NOT — IT COULD HAVE JUST LEFT
A RUNWAY IN THE THICK BRUSH & FALLEN
TREES IN THIS SMALL SWALE RATHER
THAN BEING A YOUNG ANIMAL HUNTING
A NEW HOME RANGE. IT WAS HIT ON
A CORNER OF THE BRAN CASE WHICH
PROBABLY KILLED IT BEFORE IT COULD
CRAWL OUT OF TRAP.

A. P. ZIEGLER
1960

MYOTIS LUCIFUGUS

DUNGENESS HATCHERY, 500⁺ FT. 4 MI. SSW SEQUIM, GRAYS HARBOR, WASH.

JUNE 23

ARMY COLLECTED 100 OR SO BATS FROM ATTIC OF THE MAIN BUILDING HERE CLUSTERED AROUND A CHIMNEY IN A VERY HOT PART OF THE STRUCTURE. THERE WERE VARIOUS SIZED YOUNG ALSO — FROM ABOUT NEW-BORN TO FLYING SIZE. THERE WERE TWO SPECIES REPRESENTED ACCORDING TO DR. BENSON WHO COLLECTED HERE BEFORE, M. LUCIFUGUS + M. YUMANENSIS. HE TOLD THE STUDY SKINS APART AS FOLLOWS:

<u>LUCIFUGUS</u>	<u>YUMANENSIS</u>
SKULL SLOPING GRADUALLY B/W EYES	... SLOPING SHARPLY
THE TIPS OF HAIR BRASSY	... NOT BRASSY
EARS + MEMBRANE LIGHTER DARKER

WE COULD MAKE NO DISTINCTION IN THE FIELD ON THE CORRELATION OF PRESENCE OR SIZE OF YOUNG WITH THE SPECIES. DR. BENSON KEPT THE 2 SPECIES IN ~~BOLD STORAGE~~ + WHEN HEATED UP AGAIN THERE WAS ^{SPECIES} A DIFFERENCE IN TIME IT TOOK THE TWO FORMS TO RECOVER ENOUGH TO FLY OR MOVE AGAIN — BUT I DON'T REMEMBER WHICH RECOVERED FIRST.

OF 13 LIVE SPECIMENS PICKED AT RANDOM FOR SKINNING BY MYSELF, 3 WERE ^{IDENTIFIED BY DR. BENSON AS} YUMANENSIS

A.C. ZIEGLER
1960

MYOTIS YUMANENSIS

DUNGENESS HATCHERY, 500± FT., 4 MI. SSW SEQUIM, CLALLAM CO., WASH.

JUNE 23

(SEE SA. ACCT. OF MYOTIS LUCIFUGUS)

A.C. ZIEGLER
1960

SCIURUS DOUGLASSI

1 1/2 MI. NW SPANAWAY, PIERCE CO. WASHINGTON

JUNE 22

1 YOUNGISH(?) ♂ FOUND DEAD IN LIVE
TRAP BY N.B. MCCULLOCH. SAW TYPICAL
CONIFER
~~DEER~~ CONE REMNANT PILES THRU THE
WOODS BUT DID NOT SEE ANY OTHERS.

~~ONE~~

A.C. ZIEGLER
1960

CITELLUS LEUCURUS

①

12 MI. (BY ROAD) ESE NEWBERRY (LAVA FLOW), SAN BERNARDINO CO., CALIF.
30 APR. HEARD BIRD-LIKE CALL ON ONE BUT SAW
NONE IN THIS HALF-LAVA - HALF-SAND &
CREOSOTE BUSH AREA. DID HOWEVER FIND
2 YOUNG IN A GARNON JAR SUNK IN
SAND WITH 3 ROCKS ABOUT THE RIM &
A CARDBOARD SET & WEIGHTED DOWN ON
THESE. THEY WERE WELL-FURRED & HAD
EYES OPEN & COULD BITE. ADULT COLOR
PATTERN PRESENT BUT FUR SEEMED FINE
& SOFT. GIVEN TO ^{HERD} CHASS MEMBERS (♀)
WHO FED THEM MILK FROM A SPOON &
BITS OF BREAD & CRACKERS. THE ANIMALS
GAVE WHAT SEEMED TO ME THE ADULT
CALL - AND APPEARED TO GIVE IT
MORE OFTEN TOWARDS EVENING & IN
MORNING. I THOT THEY HAD FALLEN
IN THE ABANDONED(?) INSECT(?) TRAP
BUT THEY COULD WELL HAVE BEEN BORN
THERE. NO NESTING MATERIAL IN JAR.
DID NOT NOTICE WHEN REMOVING CAR-
BOARD LID ON BOTTLE BUT THERE PROBABLY
COULD WELL HAVE BEEN ENOUGH ROOM FOR
PARENT(S) TO COME & GO AT WILL. YOUNG
COULD PROBABLY JUMP OUT OF JAR IN WEEK
OR SO. THEY DID NOT SEEM THIN AT ALL
SOME SHIVERING TOOK PLACE AFTER BEING
HANDLED.

A.C. ZIEGLER
1960

CITELLUS LEUCURUS

(2)

7 mi. (BY ROAD) ESE BOSTON, SAN BERNARDINO CO., CALIF.

30 APR. SAW 1 OR 2 ADULTS OF THIS SPECIES
IN DUSTY SAND AREAS WITH TUMBLE-WEE
BUSHES, ^{ABOUT 1800} CALL HEARD ONCE, THEY SEEM
VERY SECRETIVE. SAW MANY HOLES ABOUT
THIS SPECIES "CALIBER" SLANTING
INTO GROUND - SOME WERE PLUGGED &
OTHERS WERE NOT. SEEMED TOO NUMEROUS
& OBVIOUS FOR DIPLO ANROWS ALTHOUGH
DID TAKE DIPLO MERRIAMI (+ PEROG.
PENICILLATUS) IN SAME AREA. ALSO SAW
SYLVILAGUS AUDUBONI IN AREA & LEPUS
IN A ROCKY AREA ~~SOME~~ ABOUT $\frac{1}{2}$ MILE
AWAY.

P.C. ZIEGLER
1960

Eutamias minimus

8 1/2 mi. S Bodie, 6500[±] ft., Mono Co., California

JULY 24

PALMY TOOK 15[±] AT ABOVE AND 20[±] AT
LOCALITIES IN LIVE & SNOW TREES.

TRAPS SET MID AFTERNOON BUT PICKED
UP BEFORE SUNRISE SO HAD A CHANCE
TO GET SOME OF THESE ANIMALS.

Assoc's mammals: DIPLO. OROI, MICROTUS & PEROM.
MINIMUS, MICRODIPLO, PEROG. PASJUS & PEROM.
MANICULATUS.

WE USUALLY SAW THIS CH. MUNK
ALONG ROAD, ^{DURING DAY} ON TRIPS HERE LAST YEAR
BUT SAW ONLY 1 THIS YEAR.

A.C. ZIEGLER
1960

THOMOMYS BOTTAE

2.3 mi. N, 1.8 mi. W COALINGA, FRESNO CO., CALIF.

17 APR. TOOK A YOUNG (SEX? - CASTING) IN A
SMALL SHERMAN LIVE TRAP SET NEAR
HOLES IN RATHER BARRE OIL FIELDS.

ANIMAL ALMOST LIFELESS WHEN PICKED UP
AT 0545 BUT WARMED UP WHEN PUT
IN SUN & SHOWED NO ILL EFFECTS.

TOOK DIPLO NIVRATOIDES + ^{DA. QUINN TOOK} NEOTOMUS
MANICULATUS IN SAME AREA.

A.C. ZIEGLER
1960

PEROGNATHUS ALTICOLA

1/2 MI. SW CAMERON, 3900[±] FT., KERN CO., CALIF.

15 APR TOOK 2 IN 25 SNOW NEADS & 9 IN
34 SHERMAN LIVE NEADS. JOE QUINN TOOK
ABOUT 8 IN SHERMANS. ALSO PARTY TOOK
PEROG. CALIFORNICUS, P. INORNATUS, PEROM. MANICULUS
& DIPLO. SP.? IN AREA. THIS REPRESENTS
A NEW LOCALITY IN MUT FOR THIS SPECIES
OF POCKET MOUSE. — THE SUBSPECIES IS
LISTED AS INEXPERTUS. THE 3 SPECIES
CAUGHT HERE MAY BE IDENTIFIED AS FOLLOWS:
P. ALTICOLA — LARGE; SMOOTH; NON-BRUSH-TAILED,
NO (OR VERY LITTLE) OODS; RATHER GREYISH.
P. INORNATUS — SMALL; SMOOTH; NON-BRUSH-TAILED
STRONG "HOUSE-MOUSE COOL"; YELLOWISH.
P. CALIFORNICUS — LARGE; SHINY; BRUSH-TAILED,
NO OODS(?); GREYISH-BROWN.

A. C. ZIEGLER
1960

PEROGNATHUS CALIFORNICUS

1/2 MI. SW CAMERON, 3900⁺ FT., KERN CO., CALIF.

15 APR. GOT 1 IN SNOW TREAD + DR. QUAY GOT
2 OR 3 IN SHERMANS. ^{PARTY} TOOK ALSO P. INORNATUS
P. ANTICOLA, PERON, MANICULATUS + DIXO SP. IN
AREA. (SEE ACCOUNT OF P. ANTICOLA FOR
MORE INFO.)

A.C. ZIEGLER
1960

PEROGNATHUS INORNATUS

$\frac{1}{2}$ MI. SW CAMERON, 3900 \pm FT., KERN CO. CALIF.

15 APR. TOOK 2 IN LIVE TRAPS + NONE IN 34
SHERMAN TRAPS. DR. QUAY TOOK ~~SEVERAL~~ ^{TWO}
ALSO IN SHERMANS. P. ALTIOR, P. ALTIOR,
PEROM. MANICULATUS + D. PO SP.? TAKEN IN
AREA. THIS SPECIES HAS A VERY STRONG
"HOUSE-MOUSE" LIKE ODOR. (SEE ACCOUNT
OF PEROGNATHUS ALTIOR FOR MORE INFO)
THIS APPARENTLY IS ABOUT 40 MI. S OF
NEAREST RECORDED LOCALITY (WALKER MTS)

A.C. ZIEGLER
1960

PEROGNATHUS LONGIMEMBRIS

3 MI. N VICTORVILLE (MONAHE RIVER), SAN BERNARDINO CO., CALIF.

30 APR 2 TAKEN ALONG WITH 1 PEROMYSCUS
IN 34 SMALL SHERMANS. AREA SANDY
WITH VARIOUSLY-SIZED SCATTERED BUSHES.
TRAPS WERE SET ABOUT MIDNITE LAST
NITE SO MAY HAVE MISSED CHANCES
AT OTHER ANIMALS. NO "MUS-LIKE" NOISE
NOTICED FOR THIS SPECIES.

A.C. ZIEGLER
1960

PEROGNATHUS PARVUS

8 1/2 mi. S BOSIE 6500± FT., MONO CO., CALIFORNIA

JUNY 24

PARSONS TOOK ^{TOTAL OF} 3 AT THE ABOVE LOCALITY
& 2 OTHERS ^{LOCAL'S} NEARBY. ONLY SCATTERED BUSHES
AND ALONG THE N S. OF OF LAKE WHERE
WE TRAPPED ANTHO AT NW END BUSHES
ARE THICKER & MIGHT YIELD MORE OF
THIS SPECIES. ASSOCIATED MAMMALS WERE:
DIPLO. MICROPS, ORO. & PEROGNATHUS, EUTHERIA
MINIMUS, PEROMYSCUS MANICULATUS & MACRO-
DIPLO'S.

A.C. ZIEGLER
1960

PEROGNATHUS PENICILLATUS

7 MI. (BY ROAD) ESE BARSTOW, SAN BERNARDINO CO., CALIF.

1 MAY

16 TAKEN IN 34 SHEMAM TRAPS
3 DIPLO MORRIS MADE UP REST OF
CATCH. SANDY WITH SCATTERED SMALL
BUSHES, NO "MUS-LIKE" ODOOR NOTICED
FOR THIS SPECIES. 3 ANIMALS WERE SAVED
AS STUDY SKINS (ONE AS COMP SKIN ONLY). THERE
SEEMS TO BE A LARGE SIZE DIFF. IN
MATURE ANIMALS, BOTH BETWEEN SEXES AND/OR
BETWEEN DIFF. AGE(?) ANIMALS OF SAME
SEX. FOR EXAMPLE: (BOTH ♂♂ APPARENTLY IN
BREEDING CONDITION)
#1850 AGE ♂ TES 4x8mm, CAUD. + WEIGHED 22.0gm
#1851 " " TES 4x9mm, " " ONLY 16.1gm.
AND A 13.2gm ♀ (#49 AGE-) WHICH I
THOT MUST BE IMMATURE BEFORE SKINNING,
TURNED OUT TO HAVE 9" OLD" PLACENTAL
SCARS. THIS SIZE DIFF. SEEMS TO PARALLEL
THE SITUATION FOUND IN THOMOMYS.

A.L. ZIEGLER
1960

MICRODIPODUS MEEUCEPHALUS

8 1/2 mi. S Bodie, 6500 ± ft., Mono Co. California

JULY 24

AT THIS AND 2 MORE LOCANITIES ONLY
A COUPLE OF MILES AWAY, PARRY TOOK
ABOUT 50 - MOSTLY IN LIVE TREES, THUS,
ON THE LARGER ANIMALS AT LEAST, SEEMS
QUITE THICK ALTHO AT SOME COLLECTING
TIMES LAST YEAR THEY WERE NOT SO FAR-
+ SOME ON THEM SEEMED TO SAG. TOOK DINO
MICRODUS, PANOMINTINUS + OTTOI WERE ALSO.
PLUS P. MANICULATUS + EUTOMIAS MINIMUS
MICRODIPO. ♂'S TESTES RATHER SMALL +
♀'S WITH NO EMB'S OR SCARS. NO VERY
YOUNG MICRODIPODUS TAKEN. PERODUS ALSO
TAKEN IN AREA.

A.C. ZIEGLER
1960

Dipodomys merriami

1/2 m. N FURNACE CREEK (TOWN), -150⁺ FT., INYO CO., CALIF.

16 APR. TOOK 1 IN SMALL SHERMAN + 1 IN
MUS SPEC. ON WHITE SAND + ALKALI
FLATS AROUND EDGES OF MESQUITE +
WILLOW GROVES. DIPLO DESERT, PEROMYSCUS
PEROMYSCUS (+ MANICULATUS?), AND NEOTOMA
LEPIDOTA TAKEN BY PARTY ALSO IN SAME
AREA.

7 MI. (BY ROAD) ESE BASTOW, SAN BERNARDINO CO., CALIF.

1 MAY 3 WERE TAKEN HERE ALONG WITH 16
PEROG. PENICILLATUS IN 34 SMALL SHERMAN
TRAPS. AREA SANDY WITH SCATTERED
BUSHES.

A.C. ZIEGLER
1960

Dipodomys microps

8 1/2 mi. S Boonville, 6500[±] ft., Mono Co., California

JULY 24

DE QUAY & I FOR TAD TOOK PEROMYS
3 OR SO ~~AT~~ ABOVE LOCAL. & 2 OTHERS
NEARBY. I GOT NONE - THERE SEEM
TO BE SCARCE THAN THE OTHER TWO
ASSOCIATED DIP SPECIES (PARV. & OLD.)
TOOK ALSO MICRODIP., P. MANICULATUS & EUTAMIAS
MINIMUS & PEROG. PARVUS.

A.C. ZIEGLER
1960

DIPLODONTOMYS NITRATOIDES

5 MI. E CORNING AND 2.3 MI. N, 1.8 MI. W
CORNING, FRESNO CO., CALIFORNIA

17 APR. TOOK 2 AT EACH OF THE ABOVE
LOCALITIES. P. MANICULATUS TAKEN BY
PARTY AT EACH, ALSO. GROUND MORE
DIRT THAN SAND WITH SCATTERED
SAGE & GRASS CLUMPS. NOT TOO MANY
RETIVE HOLES SEEN — THEY MUST BE
WELL HIDDEN.

A.C. ZIEGLER
1960

DIPLODONTOMYS ORO

8½ mi. S BOOIE, 6500± FT., MONO CO., CALIFORNIA

JULY 24 TOOK 3 OR 4 ~~AT~~ ABOVE & 2 OTHER
LOCALITIES NEARBY. ^{SEEMS} MORE COMMON THAN
MICROTUS BUT LESS COMMON THAN PEROMYSCUS
HERE. TOOK ALSO MICROTUS, PEROM. PEROM.;
PEROMYSCUS MANICULATUS, HEUTOM. AS MINIMUS
HERE.

A.C. ZIEGLER
1960

DIPodomys PANAMINTINUS

8½ mi. S BOONE, 6500± FT., MONO CO., CALIFORNIA

JULY 24 SAW TOOK 4 or 6 ± HERE AND AT 2 OTHER
NEARBY LOCALITIES. PERHAPS THE COMMONEST
OF THE 3 LOCAL DIP SPECIES (201 THROAT)
TOOK ALSO P. MEXICANUS, Eutamias MINIMUS
+ M. CALIF. CO. + P. PARVUS

A.C. ZIEGLER
1960

PEROMYSCUS MANICULATUS

3/4 MI. AND 5 MI. (BY ROAD) S MYERS FLAT, HUMBOLDT CO., CALIF.

18 JUNE

TOOK 3 & 6027 RESPECTIVELY AT THESE
2 LOCALITIES IN SNARE TRAPS ON WALNUTS.
ONLY 2 WERE AT ALL YOUNGISH, ^{IN PERAGE,} ♂'S IN
BREEDING CONDITION BUT THE 1 ♀ SKINNED
(ADULT PERAGE) HAD NO EMB'S OR SCARS.
DR. QUINN TOOK ABOUT 5 AT LATTER
LOCALITY IN SMALL SHERMAN LIVE TRAPS.
MOSTLY REDWOOD ASSOC. NO OTHER
MAMMALS TAKEN HERE BUT 1 LARGE
LITISH EUTOMIAS SEEN AT LATTER LOC.

1 1/2 MI. NW SPANAWAY, PIERCE CO., WASHINGTON

JUNE 21
& 22

TOOK A ♀ ABOUT 1700 ON JUNE 21 ^{IN} ~~UNDER~~
HOLLOW LOG WHILE SETTING MUS. SPOON'S
PARTY TOOK 20 OR SO AN TOGETHER IN
THIS LOCALITY. SSP. IS AUSTERUS - ^{(THE} ~~SHOW-~~ ^{NOTED} ~~SSP.~~
ALTHO ALL SPOON'S WERE TAKEN IN RATHER
CLOSED WOODS.

^(S30, T29N, R3W)
JCT. DUNGENESS & GREY WOLF RIVERS, SOUTHERN, CANNHAM CO, WASH.

JUNE 23

ALSO TOOK MANY AT THIS LOCALITY &
ALSO AT 6.2 MI. (BY ROAD) N... AND 5.3 MI. (BY ROAD)
N... THEY BOTH(?) SEEM TO BE THE LONG-
TAILED SSP. ACROSS ALTHO DR. BENSON
SAID HE TOOK BOTH SSP. (^{PERCUT} ~~AUSTERUS~~) HERE
SEVERAL YEARS AGO. MOST OF OUR TRAPPING
SEEMED TO BE IN THE THICKER WOODS.
& UNDERBUSH.

A. C. ZIEGLER
1960

PEROMYSCUS MANICULATUS

TONGUE POINT, 3 MI. NNE JOYCE, CHANAHAM CO., WASH.

JUNE 24 PARTY LOOK BTW. 20 + 25 (SSP. ~~AREAS~~
APPARENTLY) MOSTLY IN VERY THICK SAWALH
CONIFER WOODS. FROM HARR + KENSON THIS
AREA IS JUST ABOUT THE NW LIMIT
FOR THIS SSP.

A.C. ZIEGLER
1960

NEOTOMA LEXII

1/2 mi. N FURNACE CREEK (TOWN), -150± FT., INYO CO., CALIF.

16 Apr.

TOOK 1 IN SNARE TRAPS & 12 QUAY
TOOK 3 ^{LARGE} LIVE TRAPS ALONG EDGE OF
MESQUITE THICKETS. D. NO DESERTI, D. NO
MORISANI, P. CROMICUS (& MANICULATUS?) ALSO
TAKEN HERE BY PARTY.

A.C. ZIEGLER
1960

CLETHRIONOMYS OCCIDENTALIS

(T. 29 N, R. 3 W)
6.2 mi. (BY ROAD) N JCT. DUNGENESS & GREYWOLF RIVERS ^{Chico} ~~Chico~~

JUNE 23

1 TAKEN IN FERN CLUMP IN OAK, WET
WOODS WITH NO UNDERSTORY. P. MORRIS.
TAKEN IN NUMBERS HERE ALSO. COLOR ON
THIS SPEC. WAS VERY BRIGHT - MUCH
MORE SO THAN OURS IN NORTHERN CALIF.

A.C. ZIEGLER
1960

MICROTUS OREGONI

TONGUE POINT, 3 MI. N.E. JOYCE, CHALLIS CO, IDAHO

JUNE 24 1 TAKEN IN DUG OUT RUNWAY IN THICK
GRASS + BRUSH BESIDE ROAD. NOW TAKEN
IN SIMILAR RUNS IN THICK OAK CANYON
WOODS A WAYS BACK FROM ROAD. IN THIS
PASSION STRIP ALSO TOOK 2 S. VAGRONS
VAGRONS. APLODONIA SIGN WAS COMMON
ALONG HERE ALSO. MICROTUS WAS ♀, WITH
2-7 MM EMBES ON LEFT SIDE.

A.C. ZIEGLER
1960

MICROTUS TOWNSENDI(?)

1 1/2 mi. NW SPANAWAY, PIERCE CO., WASHINGTON

JUNE 22

TOOK 1 OF THIS GENUS + PERHAPS THIS SPECIES IN THICK GRASS JUST BESIDE A WIDE STREAM. NO RUNWAYS NOTICED. TOOK P. M. AUSTRIUS, NEUROTRICHUS + 2 SPA. BORCH IN WOODS NEXT TO STREAM ALSO. GRASS ONLY ALONG A 2-3 FT. WIDE STRIP ALONG PARTS OF STREAM - IN OTHER WOODS DID NOT HAVE A VERY EXTENSIVE AMOUNT OF MICROTUS HABITAT. SKULL NOT CLEANED YET SO CANNOT CHECK ~~ANT. FORAMINA~~ ANT. FORAMINA - OTHERWISE I AM NOT SURE I SEE THE DIFFERENCE BTW. THIS SPECIES + M. LONGICAUDUS MACRANUS.

A. C. ZIEGLER
1960

Zapus TRIMOTATUS

JCT. DUNGENESS & GREYWOLF RIVERS, 800 FT., (S. 30, T. 29 N, R. 3 W), CLATSOP CO, WASH.

JUNE 23

N. B. McCULLOCH TOOK 3 IN OZERS & BRUSH
AREA IN CAMP GROUND BESIDE RIVER. OTHERS
IN PARTY TOOK NONE IN VARIOUS ^{OTHER} HABITATS. -
~~WHICH~~ M^c ALSO TOOK 1 S. NEWBRIDGE
IN THIS HABITAT. I PUT UP ONE OF HIS
ZAPUS & DR. QUINN PICKED THE 2 OTHERS.

A. S. ZIEGLER
1960

MUSTELA PENATA

1 1/2 mi. W FANES HOT-SPRINGS, 7100[±] FT., MONO CO., CALIF.

JULY 24

FOUND ♂ D.O.R. AT 1030 - PROBABLY
~~ALLIED~~ ^{ALONG WITH} ~~THE~~ ~~SEE~~. SPOT WAS BETWEEN
A GRASSY HILL & A STREAM ON ONE
SIDES OF ROAD. WALO RUSSELL MENTIONED
THIS GENERAL AREA OF COUNTRY WAS
FAIRLY THICK WITH WEEDS..

